



# Shortcut Tables

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This guide contains tables that show nearly all the known keyboard shortcuts for Photoshop, Camera Raw and Bridge. I have supplied this content as a separate PDF so that you can refer to it on screen, or you can make a print copy to keep beside your computer.

There are a lot of shortcuts in Photoshop. Just about every letter key and modifier key combination has been used up and it is for this reason that you sometimes have to pay special attention when upgrading Photoshop, because with each release there are often lots of subtle changes where certain keystrokes have had to be reassigned to carry out new functions. And if those don't suit, you can also use the Keyboard Shortcuts dialog from the Edit menu to create your own custom keyboard shortcut settings.

Tools panel	
<b>A</b> *	Path selection/Direct selection tools
<b>B</b> *	Brush/Pencil/Color replacement/Mixer brush tools
<b>C</b> *	Crop tool/Perspective crop tool/Slice/Slice select tools
<b>D</b>	Reset to default black foreground/white background color swatches
<b>E</b> *	Eraser/Background eraser/Magic eraser
<b>F</b>	Cycle forward through the three screen display modes
<b>Shift F</b>	Cycle backward through the three screen display modes
<b>G</b> *	Gradient/Paint bucket/3D material drop tool
<b>H</b>	This selects the Hand tool, but when held down, enables the birds eye view mode
Spacebar	Access Hand tool whilst any other tool is active (except the Type tool) <sup>1</sup>
<b>I</b> *	Eyedropper/3D material eyedropper/Color sampler/Ruler/Note/Count tools
<b>J</b> *	Spot healing brush/Healing brush/Patch tool/Content-aware move tool/Red eye tool
<b>L</b> *	Lasso/polygonal lasso/Magnetic lasso tools
<b>M</b> *	Rectangular/Elliptical marquee tools
<b>O</b> *	Dodge/Burn/Sponge tools
<b>P</b> *	Pen/Freeform pen path drawing tools
<b>Q</b> *	Quick mask mode/Selection mode
<b>R</b> *	Rotate view tool
<b>S</b> *	Clone stamp/Pattern stamp tools
<b>T</b> *	Type tools
<b>U</b> *	Shape drawing tools: rectangle/rounded rectangle/ellipse/polygon/line/custom

<sup>1</sup> If the type tool is selected then the spacebar is used to add spaces into the text. So it can only be used to access the hand tool when any tool other than a type tool is selected.

\* These shortcuts show the currently selected tool within the group. A modifier key cycles between the others. (See the choice of Modifier key over the page).

Tools panel continued		
Mac	PC	
V		Move tool
⌘	ctrl	Access move tool whilst any tool is active, bar Pen tool <sup>1</sup>
Arrow keys		Nudge selection border only, by 1 pixel
Arrow keys		Whilst move tool selected: nudge selection by 1 pixel
Shift + Arrow keys		Nudge using 10 pixel increments
W *		Quick selection/Magic wand tool
X		Exchange foreground/background colors
Y		History brush/Art history brush
Z		Zoom tool
Hold down ⌘ key	Hold down alt key	Zoom out when the Zoom tool is selected
⌘ Spacebar-click	ctrl Spacebar-click	Zoom in
⌘ Spacebar-click	alt Spacebar-click	Zoom out

<sup>1</sup> When the pen tool is selected, the pen tool temporarily becomes the direct selection tool when the ⌘ ctrl key is held down. If the path selection tool is selected, the tool will switch to the direct selection tool when the ⌘ ctrl key is held down, and if the direct selection tool is selected, the tool will switch to the path selection tool when the ⌘ ctrl key is held down.

\* These tool shortcuts allow you to toggle or cycle between more than one tool (See Modifier key tool selection below).


















### Spring loaded keys

You can use the above tool shortcuts by holding down a key on the keypad. Release the key and Photoshop will revert to the previously selected tool.

### Modifier key tool selection

The tool selection keyboard shortcuts marked with an asterisk (\*) allow you to toggle or switch between different tools in a particular group. If you hold down the alt key and click again on the tool icon in the Tools panel, you can select the next tool in a group. For example, if the eraser tool is currently selected, you can alt click the eraser tool icon to cycle through the other eraser tools.

There is also a Use Shift Key for Tool Switch option in the Photoshop General Preferences dialog. This is normally checked by default and allows you to cycle through the tools using the Shift key + keyboard shortcut key. So if you wanted to cycle through the different Eraser tool options, you could also use Shift E to switch from the standard Eraser tool to the Background eraser tool, and so on. The Pen tool behavior is slightly different, in that using Shift P will just cycle between the normal Pen tool, the Freeform pen tool and Curvature pen tool.

File menu		
Mac	PC	Function
 N	<i>ctrl</i> N	File ⇨ New File (based on clipboard contents dimensions if clipboard is active)
  N	<i>ctrl alt</i> N	File ⇨ New File using previously selected settings
 O	<i>ctrl</i> O	File ⇨ Open File
  O	<i>ctrl alt</i> O	File ⇨ Browse... (launch, or go to Adobe Bridge) <sup>1</sup>
 <i>Shift</i> O	<i>ctrl Shift</i> O	File ⇨ Browse... (launch, or go to Adobe Bridge) <sup>1</sup>
 W	<i>ctrl</i> W	File ⇨ Close Window/Close File
  W	<i>ctrl alt</i> W	File ⇨ Close All
 <i>Shift</i> W	<i>ctrl Shift</i> W	File ⇨ Close and go to Adobe Bridge
 S	<i>ctrl</i> S	File ⇨ Save
 <i>Shift</i> S	<i>ctrl Shift</i> S	File ⇨ Save As... <sup>2</sup>
  S	<i>ctrl alt</i> S	File ⇨ Save As... <sup>2</sup>
 <i>Shift</i>  W	<i>ctrl Shift alt</i> W	File ⇨ Export ⇨ Export As...
 <i>Shift</i>  S	<i>ctrl Shift alt</i> S	File ⇨ Save for Web (Legacy)
<i>F12</i>		File ⇨ Revert (Provided that you have disabled the Mac system shortcut for the Dashboard.)
  <i>Shift</i> I	<i>ctrl alt Shift</i> I	File ⇨ File Info...
 P	<i>ctrl</i> P	File ⇨ Print File (via the Photoshop application Print dialog)
 <i>Shift</i>  P	<i>ctrl Shift alt</i> P	File ⇨ Print One Copy
<i>D</i>		Activate 'Don't Save' button in the Close dialog (Mac only)
<i>C</i>		Activate 'Cancel' button in the Close dialog (Mac only)
<i>esc</i>	<i>esc</i>	Cancel an operation
<i>esc</i> or  <i>.</i>	<i>esc</i> or <i>ctrl</i> <i>.</i>	Cancel or Abort function (System command)

<sup>1</sup> The use of these two different key combinations to launch Adobe Bridge is there to provide continuity with the key combinations used by other programs within the Adobe Creative Suite.

<sup>2</sup> Both shortcuts can be used here to choose File Save As...

Edit menu		
Mac	PC	Function
Z	<i>ctrl</i> Z	Edit ⇨ Undo last operation (see Preferences)
⇧ Z	<i>ctrl alt</i> Z	Edit ⇨ Step backward through history
⇧ Shift Z	<i>ctrl Shift</i> Z	Edit ⇨ Step forward through history
⇧ Shift F	<i>ctrl Shift</i> F	Edit ⇨ Fade last operation (image adjustment, filter, paint stroke etc.)
X	<i>ctrl</i> X	Edit ⇨ Cut
C	<i>ctrl</i> C	Edit ⇨ Copy
⇧ Shift C	<i>ctrl Shift</i> C	Edit ⇨ Copy Merged
V	<i>ctrl</i> V	Edit ⇨ Paste
⇧ Shift V	<i>ctrl Shift</i> V	Edit ⇨ Paste in Place
⇧ ⇧ Shift V	<i>ctrl alt Shift</i> V	Edit ⇨ Paste Into
F	<i>ctrl</i> F	Edit ⇨ Search (replaces previous assigned shortcut: Filter ⇨ Last Filter)
<i>Shift Delete</i> or <i>Shift F5</i>	<i>Shift</i> ⬅ or <i>Shift F5</i>	Open Edit ⇨ Fill... dialog box
<i>Delete</i>	⬅	On Background layer opens Edit ⇨ Fill... dialog with Content-Aware selected <sup>1</sup>
⇧ Delete	<i>alt</i> ⬅	Edit ⇨ Fill with foreground color
Delete	<i>ctrl</i> ⬅	Edit ⇨ Fill with background color
⇧ ⇧ Delete	<i>ctrl alt</i> ⬅	Edit ⇨ Fill from history
⇧ ⇧ Shift C	<i>ctrl alt Shift</i> C	Edit ⇨ Content-Aware Scale a selection or non-background layer
T	<i>ctrl</i> T	Edit ⇨ Free Transform
⇧ Shift T	<i>ctrl Shift</i> T	Edit ⇨ Repeat the last applied Transform
⇧ ⇧ T <sup>2</sup>	<i>ctrl alt</i> T	Edit ⇨ Free Transform with Duplication
⇧ ⇧ Shift T	<i>ctrl alt Shift</i> T	Edit ⇨ Transform again with Duplication
	<i>ctrl</i> K	Edit ⇨ General Preferences (PC menu location)
	<i>ctrl alt</i> K	Edit ⇨ General Preferences (using last used dialog) [PC menu location]
⇧ Shift K	<i>ctrl Shift</i> K	Edit ⇨ Color Settings
⇧ ⇧ Shift K	<i>ctrl alt Shift</i> K	Edit ⇨ Keyboard Shortcuts
⇧ ⇧ Shift M	<i>ctrl alt Shift</i> M	Edit ⇨ Menu Shortcuts

<sup>1</sup> Only works if a selection is active.

<sup>2</sup> If you are using macOS, you will need to disable the Character Viewer system shortcut.

Image menu		
Mac	PC	Function
⌘ L	ctrl L	Image ⇒ Adjustments ⇒ Levels
⌘ Shift L	ctrl Shift L	Image ⇒ Adjustments ⇒ Auto Tone
⌘ Shift ⇧ L	ctrl Shift alt L	Image ⇒ Adjustments ⇒ Auto Contrast
⌘ Shift B	ctrl Shift B	Image ⇒ Adjustments ⇒ Auto Color
⌘ M	ctrl M	Image ⇒ Adjustments ⇒ Curves
⌘ B	ctrl B	Image ⇒ Adjustments ⇒ Color Balance
⌘ ⇧ Shift B	ctrl alt Shift B	Image ⇒ Adjustments ⇒ Black & White
⌘ U	ctrl U	Image ⇒ Adjustments ⇒ Hue/Saturation
⌘ Shift U	ctrl Shift U	Image ⇒ Adjustments ⇒ Desaturate
⌘ I	ctrl I	Image ⇒ Adjustments ⇒ Invert Image Color
⌘ ⇧ I	ctrl alt I	Image ⇒ Image Size
⌘ ⇧ C	ctrl alt C	Image ⇒ Canvas Size
⌘ ⇧ M	ctrl alt M	Image ⇒ Analysis ⇒ Record Measurements
⇧ Image ⇒ Duplicate	alt Image ⇒ Duplicate	Holding down the ⇧ alt key whilst choosing Image ⇒ Duplicate bypasses the Duplicate dialog box

The **alt** key can be used in combination with many of the above image adjustment commands (just as you can with filters) to open up the relevant dialog box with the last used settings in place. This is a generic Photoshop interface convention.

Layer menu		
Mac	PC	Function
⌘ Shift N	ctrl Shift N	Layer ⇨ New Layer
⌘ ⇧ Shift N	ctrl alt Shift N	Layer ⇨ New Layer (without dialog box)
⌘ J	ctrl J	Layer ⇨ New ⇨ Layer Via Copy (float to new layer)
⌘ Shift J	ctrl Shift J	Layer ⇨ New ⇨ Layer Via Cut
⌘ Shift I	ctrl Shift I	Layer ⇨ Quick Export as PNG (or other format selected in the Export preferences)
⌘ ⇧ Shift I	ctrl alt Shift I	Layer ⇨ Quick Export As...
⌘ ⇧ G	ctrl alt G	Layer ⇨ Create/Release Clipping mask
⌘ G	ctrl G	Layer ⇨ Group layers
⌘ Shift G	ctrl Shift G	Layer ⇨ Ungroup layers
⌘ + comma	ctrl + comma	Layer ⇨ Hide layers
⌘ J	ctrl J	Arrange ⇨ Send a layer upwards in the stack
⌘ Shift J	ctrl Shift J	Arrange ⇨ Bring a layer to the top of the stack
⌘ [	ctrl [	Arrange ⇨ Send a layer downwards in the stack
⌘ Shift [	ctrl Shift [	Arrange ⇨ Send a layer to the bottom of the stack
⇧ J	alt J	Select the next layer above
⇧ [	alt [	Select the next layer below
⇧ >	alt >	Select the top most layer
⇧ <	alt <	Select the bottom most layer
⌘ E	ctrl E	Layer ⇨ Merge Down
⌘ Shift E	ctrl Shift E	Layer ⇨ Merge Visible
⌘ ⇧ E	ctrl alt E	Layer ⇨ Paste contents of current layer to layer below
⌘ ⇧ Shift E	ctrl alt Shift E	Layer ⇨ Merge Visible and paste to a new layer above selected layer

Select menu		
Mac	PC	Function
⌘ A	ctrl A	Select ⇨ Select All
⌘ D	ctrl D	Select ⇨ Select Deselect
⌘ Shift D	ctrl Shift D	Select ⇨ Reselect
⌘ Shift I or Shift F7	ctrl Shift I or Shift F7	Select ⇨ Inverse Selection
⌘ ⇧ A	ctrl alt A	Select ⇨ All Layers (excluding the Background layer)
⌘ ⇧ Shift F	ctrl alt Shift F	Select ⇨ Find Layers
⌘ ⇧ R	ctrl alt R	Select & Mask
Shift F6	Shift F6	Select ⇨ Feather

Filter menu		
Mac	PC	Function
⌘ ctrl F		Filter ⇨ Apply last filter used (with same settings)
⌘ Shift F	ctrl Shift F	Edit ⇨ Fade filter
⌘ ⇧ Shift A	ctrl alt Shift A	Filter ⇨ Adaptive Wide Angle
⌘ Shift A	ctrl Shift A	Filter ⇨ Camera Raw Filter
⌘ Shift R	ctrl Shift R	Filter ⇨ Lens Correction...
⌘ Shift X	ctrl Shift X	Filter ⇨ Liquify...
⌘ ⇧ V	ctrl alt V	Filter ⇨ Vanishing Point...

3D menu		
Mac	PC	Function
⌘ ⇧ Shift R	ctrl alt Shift R	3D ⇨ Render



View menu		
Mac	PC	Function
		View ⇨ Proof Colors (see Color Settings)
		View ⇨ Gamut Warning
		View ⇨ Zoom in with window resizing (see Preferences)
		View ⇨ Zoom in without resizing window size (see Preferences) <sup>1</sup>
		View ⇨ Zoom out with window resizing (see Preferences)
		View ⇨ Zoom out without resizing window size (see Preferences) <sup>1</sup>
		View ⇨ Fit To Screen
Double-click hand tool	Double-click hand tool	View ⇨ Fit To Screen
Double-click zoom tool	Double-click zoom tool	View ⇨ Actual Pixels at 100%
		View ⇨ Actual Pixels at 100%
		View ⇨ Show Extras (selections/target path/grid/guides/slices/notes) <sup>2</sup>
		View ⇨ Show Extras (selections/target path/grid/guides/slices/notes) <sup>2</sup>
		View ⇨ Show/Hide Path only
		View ⇨ Show/Hide Guides only
		View ⇨ Show/Hide Grid only
		View ⇨ Show/Hide Rulers
		View ⇨ Snap (guides/grid/slices/document bounds)
		View ⇨ Lock Guides
Double-click guide with move tool	Double-click guide with move tool	Edit Guides & Grid settings: color and increments in Preferences
		Cycle through open document windows

<sup>1</sup> If you are using macOS, the Universal Access preferences may need to be switched on to enable the and keyboard shortcuts to zoom in or zoom out the screen display view.

<sup>2</sup> The Macintosh Show Extras shortcut initially pops a dialog asking if you wish to assign this shortcut to hiding the Photoshop application or hiding the 'extras' items. If you choose the former, the shortcut to use here will be: .

Window menu		
Mac	PC	Function
		Hide/show all panels
		Hide/show all panels except Tools, Options panels and Application bar
		Window ⇨ Arrange ⇨ Minimize window
		Open/hide Brush Settings panel
		Open/hide Color panel
		Open/hide Layers panel
		Open/hide Info panel
		Open/hide Actions panel

Photoshop menu		
Mac	PC	Function
		General Preferences (Mac)
		Open the General Preferences at the last used dialog box (Mac)
		Can be used to hide Photoshop instead of hiding extras <sup>1</sup>
		Hide Photoshop CC (Mac only)
		Hide other applications (Mac only)
		Quit/Exit Photoshop

Help menu		
Mac	PC	Function
		Photoshop Help search box

<sup>1</sup> The first time you invoke the **H** command a dialog appears asking if you wish to use this shortcut to hide the Photoshop application or to hide the 'extras' items.

Navigation		
Mac	PC	Function
Page up	Page up	Scroll up by one screen
Page down	Page down	Scroll down by one screen
<b>Shift</b> Page up	<b>Shift</b> Page up	Scroll up in 10-pixel steps
<b>Shift</b> Page down	<b>Shift</b> Page down	Scroll down in 10-pixel steps
<b>⌘</b> Page up	<b>ctrl</b> Page up	Scroll left one screen
<b>⌘</b> Page down	<b>ctrl</b> Page down	Scroll right one screen
<b>⌘ Shift</b> Page up	<b>ctrl Shift</b> Page up	Scroll left one screen in 10-pixel steps
<b>⌘ Shift</b> Page down	<b>ctrl Shift</b> Page down	Scroll right one screen in 10-pixel steps
Home key	Home key	Display top left corner of image
End key	End key	Display bottom right corner of image

### Navigator panel

The Navigator panel provides a swift way of scrolling across an image. The bottom left box indicates the current viewing percentage scale. Any value can be entered between 0.19% and 1600.00%. To zoom to a specified percentage and keep this box highlighted, hold down the **Shift** key whilst pressing **Enter**. Use the Navigator slider control to zoom in and out or mouse down on the left button to zoom out incrementally and the right button to zoom in. The panel preview display uses a red rectangle to indicate which portion of the image is visible in relation to the whole (the color of the rectangle can be altered by going to the Navigator panel fly-out menu and selecting Palette Options...). To scroll quickly, drag the rectangle across the Navigator panel screen. Hold down the **⌘** (Mac), **ctrl** (PC) key and marquee within the thumbnail area to specify an area to zoom to. The Navigator panel can also be resized to make the preview window larger.







Properties panel	Panel shortcuts
	Function
<b>Shift Enter</b>	Enter Properties panel adjustments 'edit' mode
<b>Tab</b>	Jump to next edit field within the Properties panel <sup>1</sup>
<b>Shift Tab</b>	Jump to previous edit field within the Properties panel <sup>1</sup>
<b>esc</b>	Exit Properties panel adjustments 'edit' mode


<sup>1</sup> These shortcuts apply to when you are in the Properties panel adjustments controls mode.



















Brush Settings panel		Panel shortcuts
Mac	PC	Function
[		Reduce brush size
]		Increase brush size
Shift [		Reduce the brush hardness
Shift ]		Increase the brush hardness
ctrl ⇧	alt + right click	Drag left to decrease brush size. Drag right to increase brush size (OpenGL on)
ctrl ⇩	alt + right click	Drag up to make brush softer. Drag down to make brush harder (OpenGL on)
⌘ ⇧ ctrl	alt Shift + right click	Open the heads up display (HUD) color picker (OpenGL on)
⌘ Shift F	ctrl Shift F	Edit ⇌ Fade last brush stroke
Caps Lock		Display precision cross hair cursor/brush size cursor
Double-click a brush preset		Rename the brush
ctrl click	Right mouse click	When a painting tool is selected, this will open the brush presets dialog Hit Enter to dismiss the dialog
ctrl Shift click	Right mouse Shift click	When a painting tool is selected, this will access the brush blend mode options
Shift key		Having started using the brush, then pressing and holding the shift key will use this brush in a straight line to the next click

















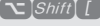

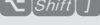



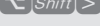





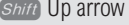
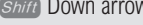
### Brush opacity control

You can use the keyboard numbers to set the tool opacity while any paint or fill tool is selected (1 = 10%, 9 = 90%, 0 = 100%). For more precise settings, enter any double number values in quick succession (i.e. 04, 23, 75 etc.). If you first highlight a figure in either the Opacity or Flow boxes, you can use the up arrow to increase values in the box by 1% and use the down arrow to decrease values in the box by 1% (hold down the **Shift** key to decrease or increase by 10%).























Swatches panel		Panel shortcuts
Mac	PC	Function
Click on swatch	Click on swatch	Load swatch as foreground color
 click on swatch	 click on swatch	Load swatch as background color
Click in an empty slot		Add the current foreground color as a swatch color and name it
 <i>Shift</i> click in a slot	 <i>Shift</i> click in a slot	Add the current foreground color as a swatch without naming it
 click on swatch	 click on swatch	Remove a swatch from the panel
Drag a swatch within the Preset Manager		Reposition a swatch in the Swatches panel

Color panel		Panel shortcuts
Mac	PC	Function
<i>Shift</i> click Color bar		Cycle between all the color spectrum options
 click Color bar	Right mouse click Color bar	Specify Color bar to use from menu list
Click gamut warning triangle		Select nearest in-gamut color

History panel		Panel shortcuts
Mac	PC	Function
 	 	Toggle moving back and forward one step (undo/redo) (see Preferences)
  	  	Move one step back through history
 <i>Shift</i> 	 <i>Shift</i> 	Move one step forward through history
Click New Snapshot button		Create a new Snapshot
 Click New Snapshot button	 Click New Snapshot button	Create a new Snapshot without dialog
Click New Document button		Create a new document from current image state
 click on a history state	 click on a history state	Duplicate any previous history state

Layers panel		Panel shortcuts
Mac	PC	Function
Click New Layer button		Create new empty layer
		Create new empty layer
		Create new empty layer, showing New Layer dialog box
		Create new empty layer, showing New Layer dialog box
Drag layer to New Layer button		Duplicate layer
Click Delete button in panel (or drag to Delete button)		Delete selected layer(s) (with alert warning)
		Delete selected layer(s) (bypassing alert warning)
		Select next visible layer down
		Select next visible layer up
		Select lowest visible layer
		Select topmost visible layer
		Add next layer down to layer selection
		Add next layer up to layer selection
		Add all layers down to bottom layer to selection
		Add all layers up to top layer to selection
		Group layers (except when this includes a Background layer)
		Ungroup layers
Double-click layer name		Rename layer
Double-click layer (outside the layer name)		Open Layer Style dialog box
Double-click Layer Style (fx) icon beneath a layer		Edit Layer Style effect options
Keyboard numbers (1=10%, 9=90%, 0=100%)		Set layer opacity whilst a non-painting tool is selected (Enter any double number values in quick succession)
Up arrow		Increase (highlighted) Opacity or Fill value in box by 1%
Down arrow		Decrease (highlighted) Opacity or Fill value in box by 1%
		Increase (highlighted) Opacity or Fill value in box by 10%
		Decrease (highlighted) Opacity or Fill value in box by 10%


Layers panel		Panel shortcuts continued
Mac	PC	Function
click a layer mask	click a layer mask	Load a layer mask as a selection
Click Layer Eye icon		Show or hide layer visibility (toggle)
click Layer Eye icon	click Layer Eye icon	View layer on its own/view all visible layers (toggle)
click layer thumbnail	click layer thumbnail	Load layer transparency as a selection
click layer thumbnail	click layer thumbnail	Add layer transparency to selection
click layer thumbnail	click layer thumbnail	Subtract layer transparency from selection
click layer thumbnail	click layer thumbnail	Intersect layer transparency with selection
Click Add a Mask button		Create a layer mask with reveal all/reveal selection
click Add a Mask button	click Add a Mask button	Create a layer mask with hide all/hide selection
or	or	Exit slider edit in mouse up mode
click layer mask icon	click layer mask icon	View layer mask as a mask on its own (toggle)
Click Link button		Link/unlink two or more layers
Click Link icon between the layer thumbnail and layer mask/vector mask		Link/unlink the layer and the layer mask/vector mask
click layer mask thumbnail		Disable a layer mask (simply click to enable again)
click vector mask thumbnail		Disable/enable a vector mask
Double-click layer mask thumbnail		Open Properties panel in masks controls mode (if currently closed)
click layer image mask thumbnail	click layer image mask thumbnail	View layer mask as an alpha channel in quick mask mode
		Toggle between creating and releasing a clipping mask
click the divide line between two layers	click the divide line between two layers	Toggle between creating and releasing a clipping mask
		disable/enable layer locking items
		Merge down layer with layer below
		Merge visible layers
		Creates a new layer above selected layer and merges visible layers to new layer
Merge Down	Merge Down	Merge down and preserve the original selected layer










Layer Groups		Panel shortcuts
Mac	PC	Function
Click New layer group button		Create new layer group above target layer
 click New layer group button	 click New layer group button	Create new layer group below target layer
 click New layer group button	 click New layer group button	Create new layer group with layer group options dialog
Click Trash button		Delete selected layer group (with an alert, if layer group contains layers)
 click Trash button	 click Trash button	Delete selected layer group (without an alert)
Drag layer group to Trash button		Delete selected layer group (without an alert)
 click eye icon for the group	 click eye icon for the group	Toggle Show just this Layer Group/Show All Layers
 E	 E	Merge selected layer group
 J	 J	Select next layer or group (cycle up)
 [	 [	Select previous layer or group (cycle down)
 J	 J	Move group up, move layer into group that is right above it or move top layer in a group out of the group
 [	 [	Move group down, move layer into group that is right below it or move bottom layer in a group out of the group
 Shift J	 Shift J	Move group to top of the stack
 Shift [	 Shift [	Move group to bottom of the stack
 >	 >	Select topmost layer or group
 <	 <	Select bottom layer or group (includes Background layer)

















Layer blending modes		
Mac	PC	Function
Shift +		Set layer to next blend mode in list (will cycle at the end of list)
Shift -		Set layer to previous blend mode in list (will cycle at the end of list)
⌘ Shift N	alt Shift N	Normal mode
⌘ Shift I	alt Shift I	Dissolve mode
⌘ Shift K	alt Shift K	Darken mode
⌘ Shift M	alt Shift M	Multiply mode
⌘ Shift B	alt Shift B	Color Burn mode
⌘ Shift A	alt Shift A	Linear Burn mode
⌘ Shift G	alt Shift G	Lighten mode
⌘ Shift S	alt Shift S	Screen mode
⌘ Shift D	alt Shift D	Color Dodge mode
⌘ Shift W	alt Shift W	Linear Dodge (Add) mode
⌘ Shift O	alt Shift O	Overlay mode
⌘ Shift F	alt Shift F	Soft Light mode
⌘ Shift H	alt Shift H	Hard Light mode
⌘ Shift J	alt Shift J	Linear Light mode
⌘ Shift V	alt Shift V	Vivid Light mode
⌘ Shift Z	alt Shift Z	Pin Light mode
⌘ Shift L	alt Shift L	Hard Mix mode
⌘ Shift E	alt Shift E	Difference mode
⌘ Shift X	alt Shift X	Exclusion mode
⌘ Shift U	alt Shift U	Hue mode
⌘ Shift T	alt Shift T	Saturation mode
⌘ Shift C	alt Shift C	Color mode
⌘ Shift Y	alt Shift Y	Luminosity mode

Channels panel		Panel shortcuts
Mac	PC	Function
click channel	<i>ctrl</i> click channel	Load channel as a selection
<i>Shift</i> click channel	<i>ctrl</i> <i>Shift</i> click channel	Add channel to current selection
2	<i>ctrl</i> 2	Activate composite channel e.g. RGB, CMYK or Lab
3	<i>ctrl</i> 3	Activate Red or Cyan channel. Use 4 to select Green or Magenta channel and so on
3	<i>ctrl</i> <i>alt</i> 3	Load Red or Cyan channel as a selection. Use 4 to select Green or Magenta channel and so on
<i>Shift</i> 3	<i>ctrl</i> <i>alt</i> <i>Shift</i> 3	Add Red or Cyan channel to selection. Use 4 to add Green or Magenta channel and so on
<i>Shift</i> \	<i>ctrl</i> <i>alt</i> <i>Shift</i> \	Add layer mask of currently selected layer to selection
click channel	<i>ctrl</i> <i>alt</i> click channel	Subtract channel from current selection
<i>Shift</i> click channel		Add to or remove from the channels that are active
<i>Shift</i> click channel	<i>ctrl</i> <i>alt</i> <i>Shift</i> click channel	Intersect channel with current selection
Click New channel button		Create a new channel
click New channel button	<i>alt</i> click New channel button	Create a new channel whilst opening New Channel dialog
click New channel button	<i>ctrl</i> click New channel button	Create a new Spot color channel
Click on Save Selection button		Create a new channel from current selection
click on Save Selection button	<i>alt</i> click on Save Selection button	Create a new channel from current selection with channel options dialog box
Click Load Selection button		Load active channel as a selection
<i>Shift</i> click Load Selection button		Add selected channel to current selection
click Load Selection button	<i>alt</i> click Load Selection button	Subtract selected channel from current selection
<i>Shift</i> click Load Selection button	<i>alt</i> <i>Shift</i> click Load Selection button	Intersect selected channel with current selection
Click Delete button		Delete selected channel(s) (with alert warning)
click Delete button	<i>alt</i> click Delete button	Delete selected channel(s) (without alert warning)
Drag channel to wastebasket		Delete selected channel (without alert warning)

Layer Comps panel		Panel shortcuts
Mac	PC	Function
Click New Layer Comp button		Creates New Layer Comp (via dialog)
 click New Layer Comp button	<i>alt</i> click New Layer Comp button	Create new layer comp, without showing New Layer Comp dialog
Drag layer comp to Create New Layer Comp button		Create duplicate layer comp
Click Update Layer Comp button		Update current layer comp
Click Apply Previous Selected Layer Comp button		Select next layer comp down
Click Apply Next Selected Layer Comp button		Select next layer comp up
Click Delete button		Delete selected Layer Comp (or drag Layer Comp to delete button)
Double-click layer comp name		Rename layer comp

Pen tool shortcuts (with Pen tool selected)		
Mac	PC	Function
		Direct selection tool (whilst key is held down)
		Convert direction tool (whilst key is held down)
<i>Shift</i>		Constrains the path drawing horizontally, vertically and at 45 degrees
Click on anchor point/path		Remove anchor point/add anchor point (toggle) (Auto Add Delete must be checked in the Options bar)
 click path		Activate all control points without selecting them
 click anchor point		Activate a single anchor point
 <i>Shift</i> click anchor point		Add to selected anchor points
  click path in image		Select entire path or uppermost sub-path's anchor points
  <i>Shift</i> drag path		Clone selected path (Shift key constrains movement to 45 degree increments, let go after first dragging)

Paths panel		Panel shortcuts
Mac	PC	Function
Click New path button		Create a new path
 click New path button	<b>alt</b> click New path button	Create a new path showing the New Path dialog box
Drag a regular path to New path button		Duplicate path
Click Delete path button		Delete path (with alert dialog)
 click Delete path button	<b>alt</b> click Delete path button	Delete path, bypassing the alert warning
Drag path to Delete button		Delete path, bypassing the alert warning
Double-click Path name		Edit the path name
Click Make work path from selection button		Convert a selection to make a work path
 click Make work path from selection button	<b>alt</b> click Make work path from selection button	Convert a selection to make a work path via Make Work Path dialog (choose pixel tolerance setting)
Double-click work path icon		Save work path as a new path
Drag a work path to the New path button		Convert a work path into a new path
 click a Path in the panel	<b>ctrl</b> click a Path in the panel	Load the path as a selection
Click Load path as a selection button		Convert active closed path to a selection
 click Load path as a selection button	<b>alt</b> click Load path as a selection button	Convert active closed path to a selection via Make Selection dialog box
 <b>Enter</b> (selection or path tool active)	<b>ctrl</b> <b>Enter</b> (selection or path tool active)	Convert active path to a selection
Click Stroke Path button		Stroke perimeter of path with Foreground color (using current brush settings)
 click Stroke Path button	<b>alt</b> click Stroke Path button	Stroke perimeter of path via the Stroke Path dialog box (allows you to choose which tool to stroke the path with: i.e spot healing brush or smudge tool etc.)
Click Fill path button		Fill path with Foreground color
 click Fill path button	<b>alt</b> click Fill path button	Fill path via the Fill Path dialog box
Click empty Paths panel area		Deactivate path

General		
Mac	PC	Function
<code>esc</code> or 	<code>esc</code> or <code>ctrl</code> 	Cancel or abort an operation
<code>esc</code>		Cancel operation (Crop/Transform/Save)
<code>Delete</code>		When a layer is selected, deletes layer
<code>Delete</code>		When a selection is active, deletes selected area to reveal transparency
<code>Delete</code>		When a selection is active and a background layer is selected, opens the Edit ⇄ Fill... dialog with the Content-Aware option selected
<code>Tab</code>		Toggle Show/Hide panels (see Window menu)
<code>Tab</code>		Jump to next setting in any active dialog box (however, see Properties panel shortcuts for instructions on entering panel 'edit' mode)
 click Cancel button	<code>alt</code> click Cancel button	Change Cancel button in dialog boxes to Reset

## Adaptive Wide Angle filter

Mac	PC	Function
⌘ Shift A	ctrl alt Shift A	Open Adaptive Wide Angle filter
C		Constraint tool
Y		Polygon constraint tool
M		Move tool
H		Hand tool
Z		Zoom tool
X		Temporarily zoom preview to 100% while X key is held down

## Lens Correction filter

Mac	PC	Function
⌘ Shift R	ctrl Shift R	Open Lens Correction filter
D		Remove distortion tool
A		Straighten tool
M		Move Grid tool
H		Hand tool
Z		Zoom tool

Liquify filter		
Mac	PC	Function
⌘ Shift X	ctrl Shift X	Open Liquify filter
W		Forward warp tool
R		Reconstruct tool
E		Smooth tool
C		Twirl clockwise tool (twirl counter clockwise when ⌥ alt key held down)
S		Pucker tool
B		Bloat tool
O		Push left tool
F		Freeze mask tool
D		Thaw mask tool
A		Face tool
H		Hand tool
Z		Zoom tool
⌘ O	ctrl O	Enlarge Liquify dialog to fill the screen
⌘ alt O	ctrl alt O	Zoom to Actual pixels view (100%) <sup>1</sup>
⌘ +	ctrl +	Zoom in
⌘ -	ctrl -	Zoom out
⌘ Z	ctrl Z	Undo/Redo last operation
⌘ ⌥ Z	ctrl alt Z	Progressively undo operations

<sup>1</sup> Note, this shortcut only works in Photoshop CS4 or earlier and was intentionally removed from Photoshop CS5 onwards.

Some of the Liquify tools referred to above only show when working in the advanced settings mode.

## Vanishing Point

Mac	PC	Function
⌘ ⇧ V	ctrl alt V	Open Vanishing Point
V		Edit plane tool
C		Create plane tool
M		Marquee tool
S		Stamp tool
B		Brush tool
T		Transform tool
I		Eyedropper tool
R		Measure tool
H		Hand tool
Z		Zoom tool
X		Temporarily zoom in on preview x 2 while X key is held down
⌘ O	ctrl O	Expand the dialog to fit the screen display
Double-click Hand tool		Make the preview fit the window
Double-click Zoom tool		Zoom to Actual pixels view (100%)
⌘ +	ctrl +	Zoom in
⌘ -	ctrl -	Zoom out
⌘ Z	ctrl Z	Undo last operation
⌘ Shift Z	ctrl Shift Z	Redo last operation



## Adobe Bridge: File menu

Mac	PC	Function
⌘ N	ctrl N	File ⇨ New Window
⌘ Shift N	ctrl Shift N	File ⇨ New Folder
⌘ O	ctrl O	File ⇨ Open <sup>1</sup>
⌘ ⇧ ↓	ctrl ⇧ ↓	Open selected Image(s)
⌘ ⇧ ⌘ ↓	ctrl alt ⇧ ↓	Open selected Image(s) and at same time hide Bridge window
⌘ R	ctrl R	File ⇨ Open in Camera Raw (hosted by Bridge) <sup>2</sup>
⌘ W	ctrl W	File ⇨ Close window
⌘ Delete	ctrl Delete	File ⇨ Move to Trash
⌘ E	ctrl E	File ⇨ Eject
⌘ ⇧ ⌘ O	ctrl alt ⌘ O	File ⇨ Return to Photoshop (this is a toggle action for switching between Bridge and Photoshop)
⌘ Shift O	ctrl Shift O	File ⇨ Return to Photoshop (this is a toggle action for switching between Bridge and Photoshop)
⌘ I	ctrl I	File ⇨ File Info

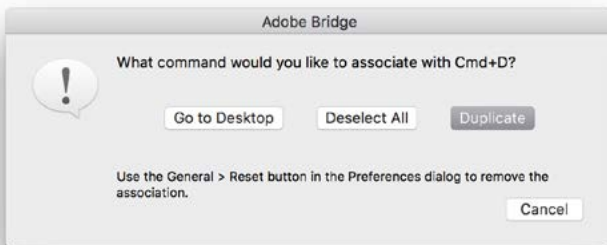
<sup>1</sup> The open command will open any file from Bridge. However, if you are opening a raw camera file, the file will be opened via the Adobe Camera Raw dialog hosted in Photoshop.

<sup>2</sup> The Open in Camera Raw command (⌘ R [Mac], ctrl R [PC]) opens files via Camera Raw hosted via Bridge. The distinction between this and the File ⇨ Open command, is that the Adobe Camera Raw dialog is hosted by Bridge and not Photoshop. The advantage here is that Bridge can be used to handle the Camera Raw processing, and this frees up Photoshop, allowing you to carry on with other work in Photoshop.





## Adobe Bridge: Edit menu

Mac	PC	Function
⌘ Z	ctrl Z	Edit ⇨ Undo/Redo
⌘ X	ctrl X	Edit ⇨ Cut
⌘ C	ctrl C	Edit ⇨ Copy
⌘ V	ctrl V	Edit ⇨ Paste
⌘ D	ctrl D	Edit ⇨ Duplicate/Deselect All/Go to Desktop <sup>1</sup>
⌘ A	ctrl A	Edit ⇨ Select All
⌘ Shift I	ctrl Shift I	Edit ⇨ Invert selection
⌘ Shift A	ctrl Shift A	Edit ⇨ Deselect All
⌘ F	ctrl F	Edit ⇨ Find...
⌘ ⇧ C	ctrl alt C	Edit ⇨ Copy Camera Raw settings
⌘ ⇧ V	ctrl alt V	Edit ⇨ Paste Camera Raw settings
⌘ J	ctrl J	Edit ⇨ Rotate 90° clockwise
⌘ L	ctrl L	Edit ⇨ Rotate 90° counterclockwise
⌘ Shift K	ctrl Shift K	Edit ⇨ Color Settings...







<sup>1</sup> The default ⌘ D (Mac), ctrl D (PC) option is to duplicate the file. However, you have the option to assign one of the command options listed below to the ⌘ D (Mac), ctrl D (PC) shortcut.



### Adobe Bridge: View menu

Mac	PC	Function
 L	<i>ctrl</i> L	View ⇨ Slideshow
 Shift L	<i>ctrl</i> Shift L	View ⇨ Slideshow Options...
<i>esc</i>		Exit Slideshow
 B	<i>ctrl</i> B	View ⇨ Review mode
<i>esc</i>		Exit Review mode
 T	<i>ctrl</i> T	View ⇨ Toggles Thumbnail Image details On/Off
Spacebar		Go to full screen preview (toggle action)
<i>esc</i>		Exit full screen preview
F5		Refresh view

### Adobe Bridge: Stacks menu

Mac	PC	Function
 G	<i>ctrl</i> G	Stacks ⇨ Group as Stack
 Shift G	<i>ctrl</i> Shift G	Stacks ⇨ Ungroup from Stack
 ⇨	<i>ctrl</i> ⇨	Stacks ⇨ Open Stack
 ⇐	<i>ctrl</i> ⇐	Stacks ⇨ Collapse Stack
 ⇨ ⇐	<i>ctrl alt</i> ⇨ ⇐	Stacks ⇨ Expand All Stacks
 ⇐ ⇨	<i>ctrl alt</i> ⇐ ⇨	Stacks ⇨ Collapse All Stacks

## Adobe Bridge: Label menu

Mac	PC	Function
⌘ 0	ctrl 0	Tools ⇨ No Rating
⌘ Delete	alt Delete	Tools ⇨ Mark as Reject
⌘ 1	ctrl 1	Tools ⇨ Assign a 1 star rating
⌘ 2	ctrl 2	Tools ⇨ Assign a 2 star rating
⌘ 3	ctrl 3	Tools ⇨ Assign a 3 star rating
⌘ 4	ctrl 4	Tools ⇨ Assign a 4 star rating
⌘ 5	ctrl 5	Tools ⇨ Assign a 5 star rating
⌘ > (period)	ctrl > (period)	Tools ⇨ Increase rating
⌘ < (comma)	ctrl < (comma)	Tools ⇨ Decrease rating
⌘ 6	ctrl 6	Tools ⇨ Assign red label (toggle) <sup>1</sup>
⌘ 7	ctrl 7	Tools ⇨ Assign yellow label (toggle) <sup>1</sup>
⌘ 8	ctrl 8	Tools ⇨ Assign green label (toggle) <sup>1</sup>
⌘ 9	ctrl 9	Tools ⇨ Assign blue label (toggle) <sup>1</sup>

<sup>1</sup> The toggle action means that you can use these commands to add or remove a label color.

## Adobe Bridge: Tools menu

Mac	PC	Function
⌘ Shift R	ctrl Shift R	Tools ⇒ Batch Rename

## Adobe Bridge: Window menu

Mac	PC	Function
⌘ ⇧ N	ctrl alt N	Window ⇒ New synchronized window
⌘ F1	ctrl F1	Window ⇒ Workspace ⇒ Essentials workspace <sup>1</sup>
⌘ F2	ctrl F2	Window ⇒ Workspace ⇒ Filmstrip workspace <sup>1</sup>
⌘ F3	ctrl F3	Window ⇒ Workspace ⇒ Metadata workspace <sup>1</sup>
⌘ F4	ctrl F4	Window ⇒ Workspace ⇒ Keywords workspace <sup>1,2</sup>
⌘ F5	ctrl F5	Window ⇒ Workspace ⇒ Preview workspace <sup>1</sup>
⌘ F6	ctrl F6	Window ⇒ Workspace ⇒ Light Table workspace <sup>1</sup>
⌘ M	ctrl M	Window ⇒ Minimize window

<sup>1</sup> These workspace shortcuts will change once you add a new custom workspace setting. When this happens, the keyboard shortcuts are shifted along one, so the Essentials keyboard shortcut becomes ⌘ F2/ (Mac), ctrl F2 (PC).

<sup>2</sup> On a Macintosh there is the potential here to clash with the auto voice over utility. If this is the case, disable this Universal Access option in the System Preferences ⇒ Keyboard ⇒ Keyboard Shortcuts options.

## Adobe Bridge: General

Mac	PC	Function
		Select first image in content area
		Select last image in content area
←		Navigate to image/folder to the left (using thumbnails view in Content panel)
→		Navigate to image/folder to the right (using thumbnails view in Content panel)
↑		Navigate to image/folder above (using thumbnails view in Content panel)
↓		Navigate to image/folder below (using thumbnails view in Content panel)
⌘ click an image	ctrl click an image	Add image to a discontinuous selection in Bridge
Shift click an image		Add image to a contiguous selection in Bridge
Shift double-click a raw image		Open a raw image, bypassing the Camera Raw dialog
⌘ double-click an image	alt double-click an image	Open an image and hides the Bridge window
⌘ + ~	ctrl + ~	Go to the next Bridge window
⌘ Shift + ~	ctrl Shift + ~	Go to the previous Bridge window
⌘ \	ctrl \	Switch to next viewing mode in content area (cycle)
⌘ Shift \	ctrl Shift \	Switch to previous viewing mode in content area (cycle)
⌘ ⌘ 1	ctrl alt 1	Show only images with a 1 star rating or higher
⌘ ⌘ 2	ctrl alt 2	Show only images with a 2 star rating or higher
⌘ ⌘ 3	ctrl alt 3	Show only images with a 3 star rating or higher
⌘ ⌘ 4	ctrl alt 4	Show only images with a 4 star rating or higher
⌘ ⌘ 5	ctrl alt 5	Show only images with a 5 star rating or higher
⌘ ⌘ 6	ctrl alt 6	Show only red labeled images
⌘ ⌘ 7	ctrl alt 7	Show only yellow labeled images
⌘ ⌘ 8	ctrl alt 8	Show only green labeled images
⌘ ⌘ 9	ctrl alt 9	Show only blue labeled images
⌘ ⌘ A	ctrl alt A	Removes all filtering
⌘ A	ctrl A	Select all images

## Adobe Camera Raw

Mac	PC	Function
<b>F</b>		Toggle Camera Raw dialog filling the full screen area
<b>Z</b>		Zoom tool
<b>H</b>		Hand tool
Spacebar		Temporarily access the hand tool
<b>I</b>		White Balance tool
<b>Shift</b>		Temporarily access the white balance tool (or Color Sampler tool if the White Balance tool is already selected) <sup>1</sup>
<b>S</b>		Color sampler tool
<b>C</b>		Crop tool
<b>A</b>		Straighten tool
<b>B</b>		Spot removal tool
<b>/</b>		Recalculate a new area to sample from
<b>E</b>		Red Eye Removal tool
<b>K</b>		Adjustment brush
<b>G</b>		Graduated filter
<b>J</b>		Radial filter
<b>X</b>		When radial filter is active, toggle between an inside and outside adjustment
<b>V</b>		Toggle overlay visibility
<b>⌘ K</b>	<b>ctrl K</b>	Open Camera Raw preferences
<b>L</b>		Rotate image 90° counter clockwise
<b>⌘ [</b>	<b>ctrl [</b>	Rotate image 90° counter clockwise
<b>R</b>		Rotate image 90° clockwise
<b>⌘ ]</b>	<b>ctrl ]</b>	Rotate image 90° clockwise
<b>P</b>		Click to toggle preview of current/original settings for current panel tab
<b>U</b>		Shadow clipping warning
<b>O</b>		Highlight clipping warning
<b>D</b>		Deselect an active curve point (in Tone Curve panel)

<sup>1</sup> This shortcut will not work if you are currently in the crop mode, or are editing the image using the adjustment brush or graduated filter.

## Adobe Camera Raw: continued...

Mac	PC	Function
⌘ O	ctrl O	Open image in Photoshop
⌘ Shift O	ctrl Shift O	Open as a Smart Object in Photoshop
⌘ S	ctrl S	Save image (via Save Options dialog)
⌘ alt S	ctrl ⌘ S	Save image (bypassing the Save Options dialog)
⌘ Z	ctrl Z	Undo/Redo last operation
⌘ ⌘ Z	ctrl alt Z	Progressively undo operations
⌘ Shift Z	ctrl Shift Z	Progressively redo operations
⌘ U	ctrl U	Apply Auto adjustment
⌘ 0	ctrl 0	Zoom to fit window
⌘ alt 0	ctrl alt 0	Zoom to Actual pixels view (100%)
⌘ +	ctrl +	Zoom in
⌘ -	ctrl -	Zoom out
V		Toggle show/hide grid
J		When grid is active, increase grid size (use Shift to magnify)
J		When grid is active, decrease grid size (use Shift to magnify)
Delete		Clear crop, if a crop is active / Delete curve points in Curve controls
esc		Clear crop, if crop is active. Otherwise will cancel or exit the Camera Raw dialog
Return or Enter		If crop tool is active, applies the crop. Otherwise will exit via the default button in the Camera Raw dialog (i.e. apply 'Open image' or 'Done')



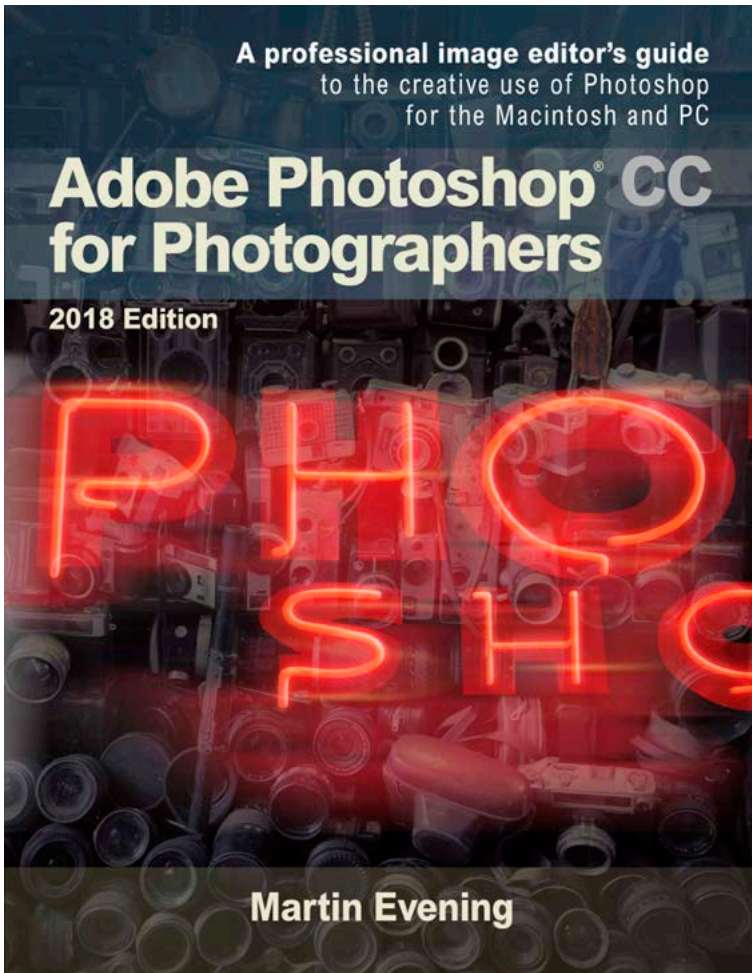
## Adobe Camera Raw: multiple image mode controls

Mac	PC	Function
A	<i>ctrl</i> A	Select all images
A	<i>ctrl alt</i> A	Select all rated images only
D	<i>ctrl</i> D	Deselect all except the primary selected image
click Synchronize button	<i>alt</i> click Synchronize button	Synchronize images (bypassing Synchronize dialog)
<i>Shift</i> click an image		Use to create a contiguous selection of images
click an image	<i>ctrl</i> click an image	Add or remove an image from a discontinuous selection
1	<i>ctrl</i> 1	Assign a 1 star rating
2	<i>ctrl</i> 2	Assign a 2 star rating
3	<i>ctrl</i> 3	Assign a 3 star rating
4	<i>ctrl</i> 4	Assign a 4 star rating
5	<i>ctrl</i> 5	Assign a 5 star rating
> (period)	<i>ctrl</i> > (period)	Increase rating
< (comma)	<i>ctrl</i> < (comma)	Decrease rating
' (apostrophe)	<i>ctrl</i> ' (apostrophe)	Toggle adding a star rating <sup>1</sup>
6	<i>ctrl</i> 6	Assign red label (toggle)
7	<i>ctrl</i> 7	Assign yellow label (toggle)
8	<i>ctrl</i> 8	Assign green label (toggle)
9	<i>ctrl</i> 9	Assign blue label (toggle)
<i>Delete</i>		Mark an image to be deleted (toggle) (see also main Camera Raw shortcuts)
		Navigate to image above
		Navigate to image below

<sup>1</sup> The problem with the toggle star rating shortcut is that it reduces everything to a binary method of rating. Therefore if you have a selection of images with different levels of star ratings, such as one star through to three stars, this shortcut erases any ratings higher than one and only allows you to apply or remove a single star rating. The above shortcuts are much safer to use if you wish to work with multiple star ratings.

# Adobe Photoshop CC for Photographers: 2018 Edition book

By *Martin Evening*



Adobe Photoshop CC for Photographers: 2018 Edition is published by Focal Press, an imprint of Taylor & Francis.

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