

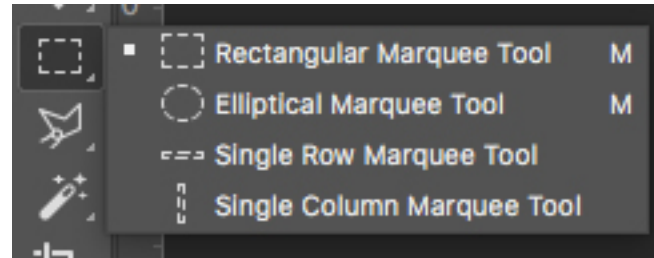
Selection Tools

Introduction to Photoshop

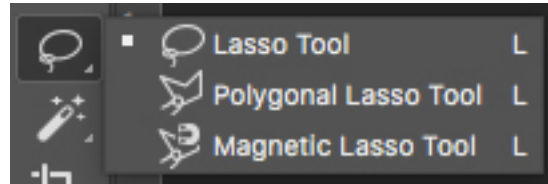
Lecture Outline

- Selection Tools
 - Geometric (Marquee)
 - Freehand (Lasso)
 - Edge (Quick Selection)
 - Color (Magic Wand)
- Menu
 - Select by color range
 - Modifying selections
- Select and Mask
- Working with selections
 - Moving selections
 - Duplicating selections
 - Constraining selections
 - Deselect selections
 - Add / subtract to selections
 - Refining selections
 - Quick mask editing

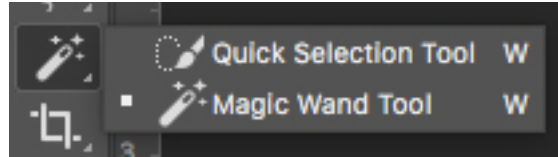
Geometric (Marquee) Selection Tools



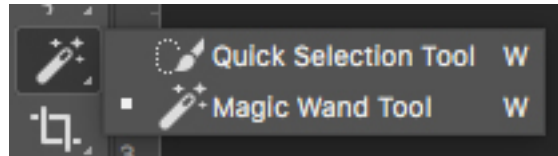
Freehand (Lasso) Selection Tools



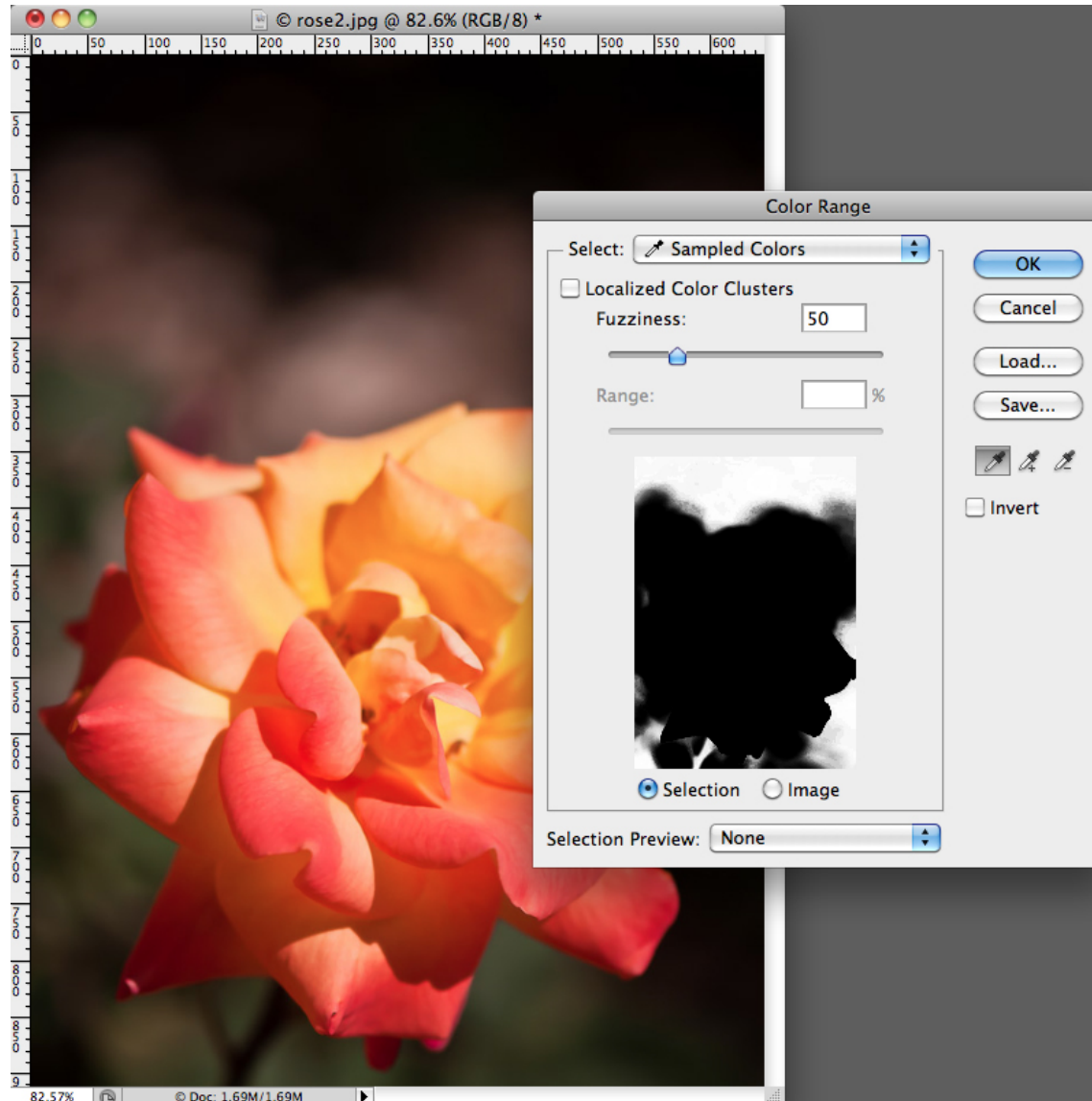
Edge (Quick Select) Selection Tool



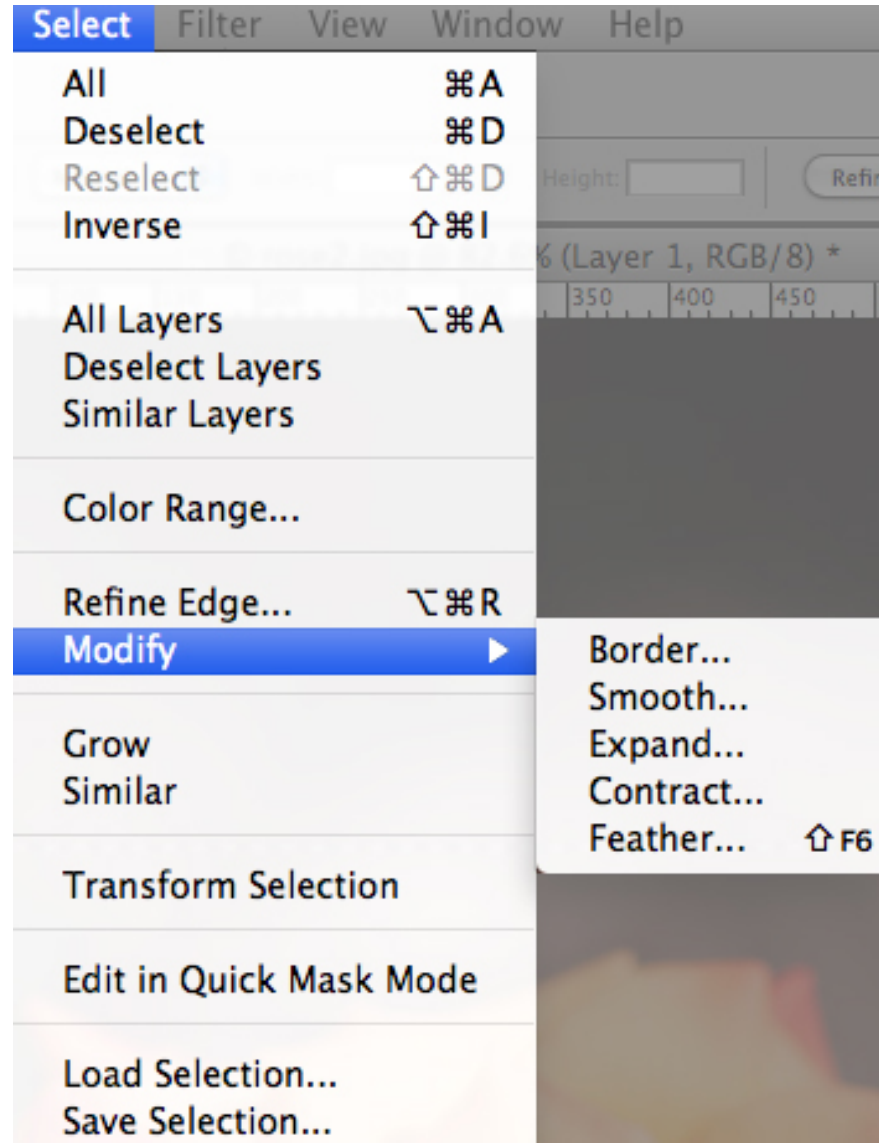
Color (Magic Wand) Selection Tool



Menu: Select by Color Range



Menu: Modifying Selections



Working with Selections

Select it to affect it!

- Moving selections
 - Move tool [V]
 - Click & drag
 - Arrow keys
 - Arrow: 1 pixel
 - Shift + arrow: 10 pixel
- Repositioning
 - Create selection but do not release mouse button
 - While continuing to hold down mouse button, press Space bar, now reposition selection with mouse
 - Release Space bar but not mouse button, continue to drag to add to selection

Working with Selections

Select it to affect it!

- Duplicating & moving
 - Select move tool [V] and press [alt] (PC) or [option] (Mac) key while positioning pointer within already made selection
 - Pointer becomes double arrow
 - Continue to hold down [alt/option] key and drag, selection is duplicated
- Constraining (Marquee)
 - Begin click & drag mouse to create selection
 - Press and hold the Shift key, continue dragging mouse
 - Will create a perfect square or circle depending upon the Marquee tool chosen

Working with Selections

Select it to affect it!

- Deselecting
 - Menu:
 - Select → Deselect
 - Keyboard:
 - [cmd / ctrl] +d
 - Click outside selection with any selection tool
- Center point (Marquee)
 - Put pointer in approx. center of selection, click mouse & begin dragging
 - Without releasing mouse button, press & hold the [alt /option] key, continue dragging
 - When done, release mouse button first, then key
 - Can be combined with Shift key to constrain selection

Working with Selections

Select it to affect it!

- Adding / subtracting
 - Option bar:
 - Default
 - Add
 - Subtract
 - Intersect
 - Keyboard:
 - [Shift] key: Add to
 - [alt / option]: Subtract from
 - [Shift]+[alt / option]: Intersect with
- Option bar
 - Default
 - Add to
 - Subtract from
 - Intersect with
 - Feather
 - Anti-alias
 - Style (Normal / Fixed Ratio / Fixed Size)
 - Refine Edge


Working with Selections

Select it to affect it!

- Select and Mask
 - Option bar
 - Menu:
 - Select → Select and Mask
 - Keyboard:
 - [alt / option] + [cmd / ctrl]+r
- Click Smart Radius box
- Adjust Edge Detection radius
- Output to Selection
- Menu
 - Select → Modify
 - Border...
 - Smooth...
 - Expand...
 - Contract...
 - Feather...

Working with Selections

Select it to affect it!

- Quick mask editing
 - Need to have a selection
 - Menu:
 - Select → Edit in Quick Mask Mode
 - Toolbar: 
 - Can change color of mask
 - Double click on the toolbar icon, change color & transparency amount
- Paint with paint brush tool
 - Black removes from selection (100%)
 - White adds to selection (100%)
 - Grey is transparent (1% - 99%) depending on how white or black it is
 - Masking Mantra: Black conceals, white reveals