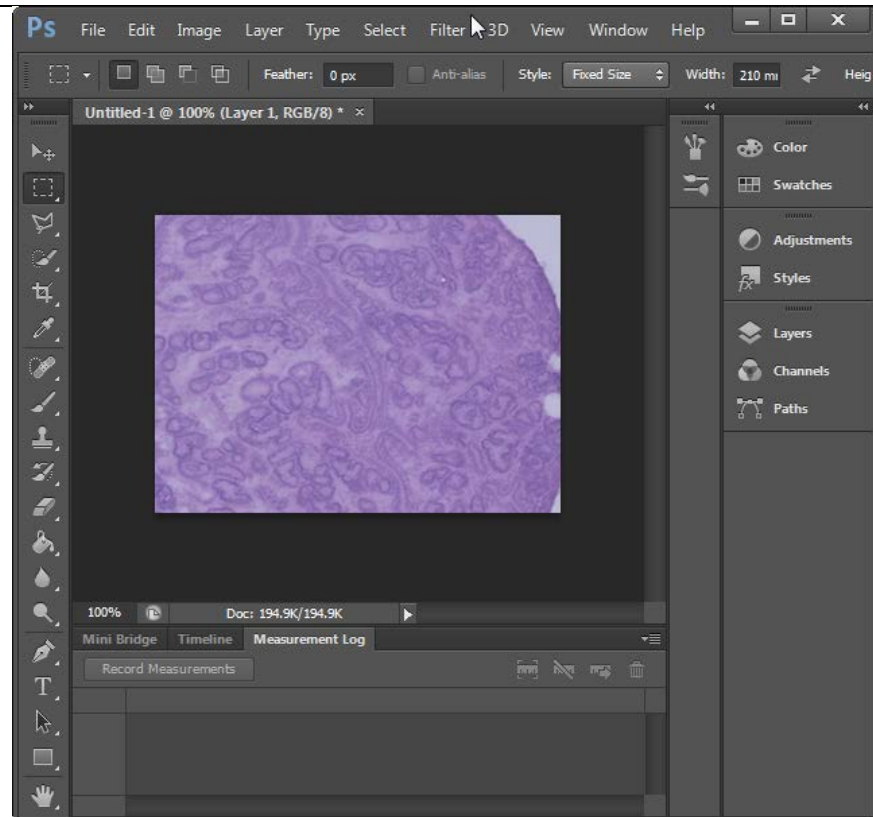


Adjusting Photomicrographs for better appearance.

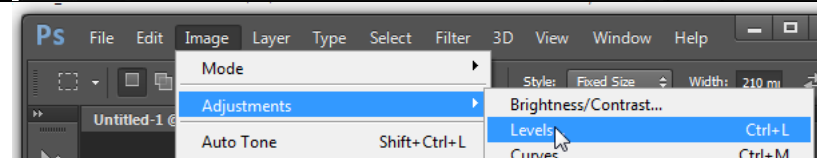
By Geoff Shaw 2016-05-06

These notes use Adobe Photoshop, but the same process works with other (free) editors like The GIMP. The instructions below are

Open the image.

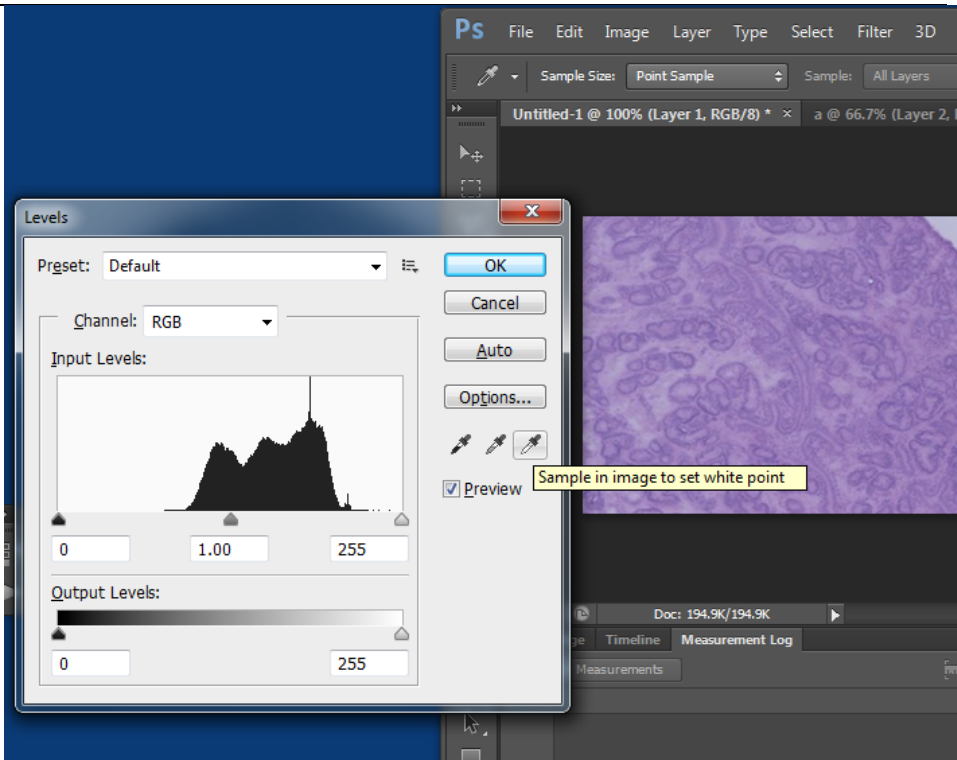


Use the levels command:
Image / Adjustments / levels
Or press Ctrl-L (in photoshop)

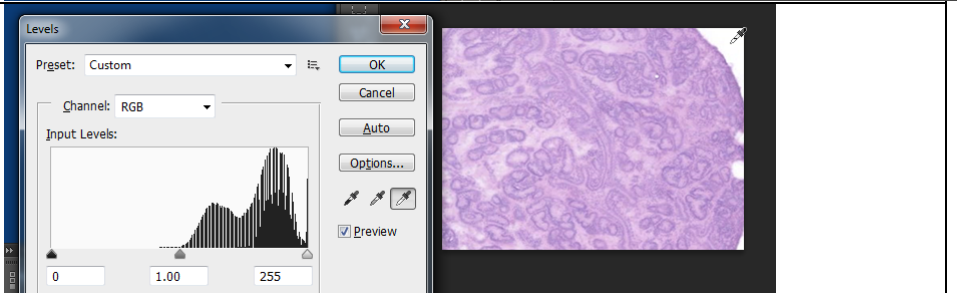


On the Levels dialog click the set white point icon (white eye dropper)

The cursor now changes to a white eye dropper.

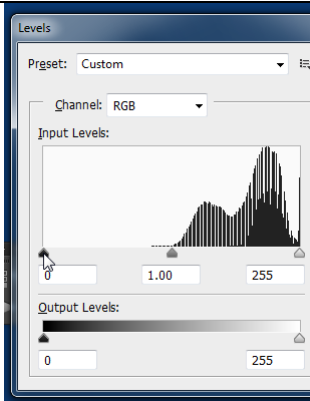


Move the white eyedropper cursor so the tip is on the brightest bit of background, that you want to look white, and click.



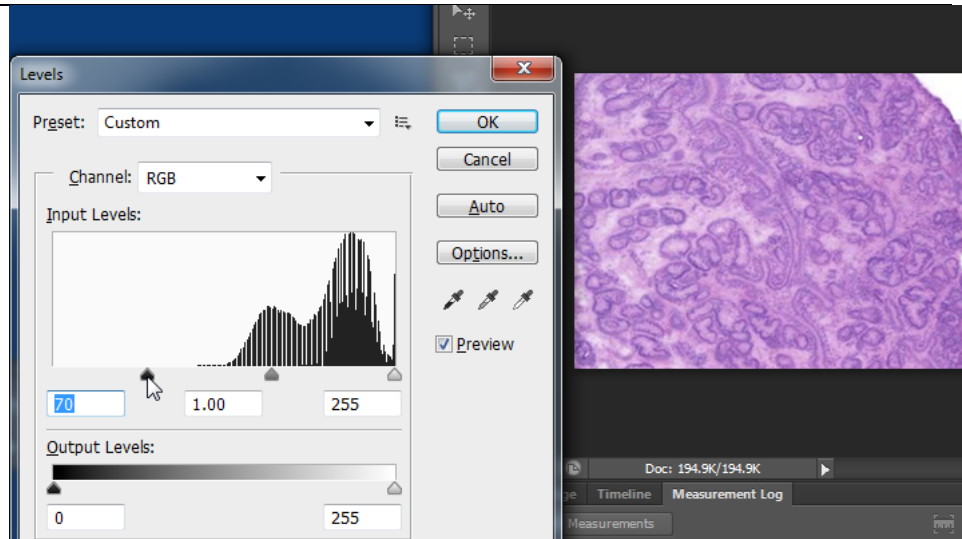
The background will change and you will see a change on the histogram on the levels dialog (typically it will shift right representing a general brightening of the image)

Use your pointer to select the black triangle under the histogram

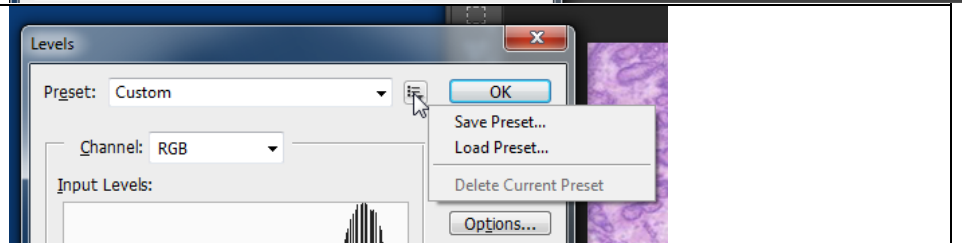


Click and drag this black pointer to the right towards the first histogram bars. Keep an eye on the image you are adjusting as you do this, and stop when it looks best.

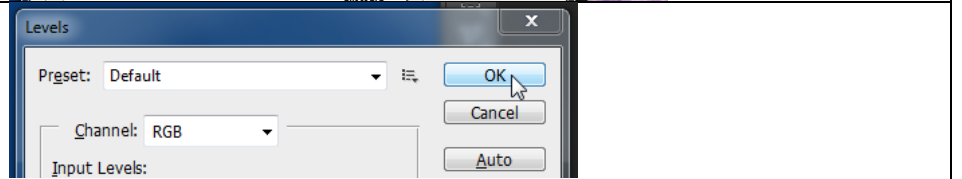
Before you go on, look at the next step...



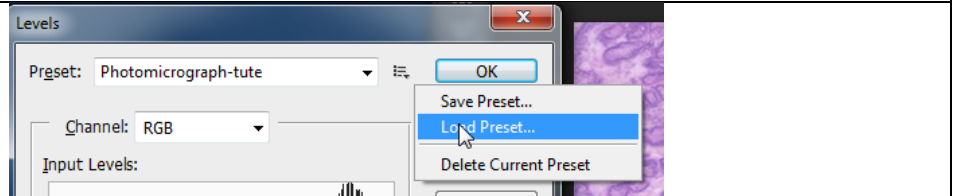
Want to make the same adjustment to a series of files? Save this setting as a preset.



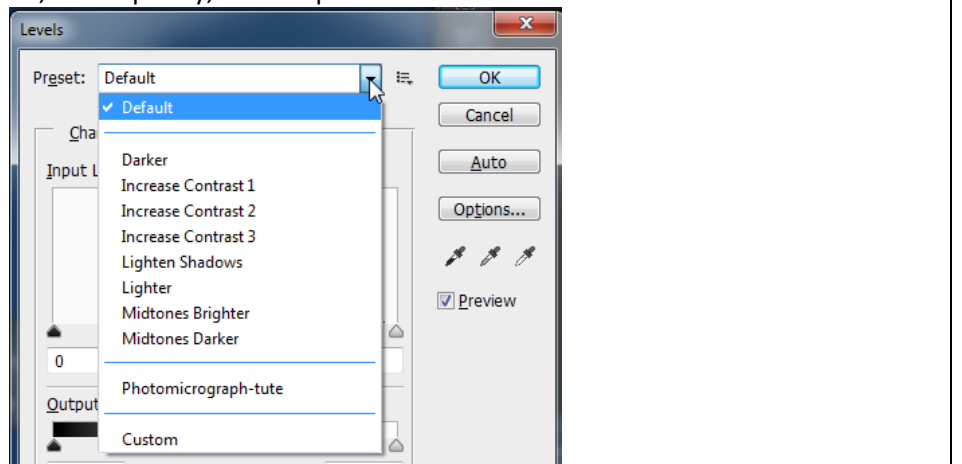
When you are happy with the adjustment, apply the settings – click OK on the levels dialog



On your next image Open the Levels dialog, load the preset and click OK



Or, more quickly, use the pull down list...



Finally, save your file (I recommend saving with a different file name, eg “uterus1-adjusted”, so there is no confusion on what the original record was.