

## Corrected Files > Monitor

In order to supply us with "corrected files", you need to do 3 things:

1. Set up your monitor
2. Set up your working space in Photoshop
3. Check our sample tiff file on your monitor against our sample print

### 1. Setting up your Monitor

Whether you are working on a PC or a Mac, you should set up your monitor to have a [Color Temperature](#) of [6500°K](#) and a [Gamma](#) of [1.8](#) (Mac Standard). These settings have been recommended to us as the best for photo retouching and viewing.

[Color Temperature](#) measures the color of light radiated by an object while it is being heated. Lower temperatures like 2400°K are red while higher temperatures such as 9300°K are blue. Neutral temperature or gray occurs at 6504°K.

[Gamma](#) is the contrast quality of your monitor. The higher the Gamma, the more contrast you will see.

The tricky part is finding out how to get to these settings on your computer. For PCs, these settings are usually found somewhere in the [Display](#) Control Panel (depending on the video card in your computer). Also check the [Settings](#) control to make sure that [Color](#) is set to [True Color - 32 bit](#). If all else fails, try using the Adobe Gamma utility that comes with Photoshop.

For Mac users, your best bet would be to check the [Color](#) section in the [Monitors](#) Control Panel (depending on your video card). Here you would set your [White Point](#) to 6500 (or D65) and your [Gamma Curve](#) to 1.8. If all else fails, try using the Adobe Gamma utility that comes with Photoshop.

If you plan on doing a lot of serious imaging, it may be an idea to look into Monitor Calibration Hardware and Software (as opposed to the Adobe Gamma utility that comes with Photoshop) from companies such as X-Rite. Monitor Color tends to drift with time, so if you have a Monitor Calibration tool you should re-calibrate your monitor once a week. If you are using a Monitor Calibration tool, disable Adobe Gamma.

It is also a good idea to try to control your lighting environment. Avoid areas with direct sunlight. If possible, have subdued lighting around your work area. Avoid colorful screen savers as this will cloud your color judgement. Try to keep your screen saver a neutral gray color.

If you are in the Greater Toronto Area, you can make an appointment with us for you to bring in your computer and Monitor to the Lab, where we can calibrate your monitor to our Lab Standard.