



Infrared Cheat sheet

Shoot RAW at highest bit depth.

Set White Balance in Camera

If your camera has the ability, set a PRE WB reading. To do this, set the camera to take a WB reading and measure grass or a green tree that is in bright sunshine. Use that for your WB. If you travel south, a new reading is needed as the infrared rays hit the Earth more directly than in the northern latitudes. You will know when to do another WB reading as your images will be blown out.

Processing Workflow

Adjust white balance, exposure, noise reduction and any other adjustments you'd like in the native software. See the links below for your camera make.

Export it as a 16-bit TIFF to Photoshop (*not* as a JPG).

Open it in camera raw and select 'Auto' and see if that brings out detail more. Set sharpness to 55 (Use Topaz AI Photo to sharpen instead if you have it).

Open in Photoshop.

1. Use Nik Color Effects Pro to bring out detail. Tonal Contrast and Pro Contrast work well.
2. Add Color channels adjustment layer.
 - a. Select Red channel, set the Red value to 0, Blue value to 100
 - b. Select Blue channel, set the Red value to 100, Blue value to 0
3. Add a HSL, select the various individual colors and use sliders to bring out color (for color IR).
4. Add a Black and White adjustment layer, (for color change blend mode to Luminosity), use sliders to adjust.
5. Add a Levels adjustment layer, adjust sliders as you like.
6. Add a curves adjustment layer, adjust sliders as you like.
7. As IR tends to be noisy, perform noise reduction, if desired.

Camera Native Software



SILVANA DELLA CAMERA PHOTOGRAPHY

Note: The opensource tool [RawTherapee](#) is recommend in cases where your camera's software is either missing or difficult to find. This tool does the job well. For Fuji, is the one I recommend. It is free.

Canon

https://www.canon.co.uk/support/consumer_products/software/digital-photo-professional.html?

Fuji

<https://rawtherapee.com/downloads/>

Nikon

<https://www.nikonusa.com/en/Nikon-Products/Imaging-Software/nx-studio.page>

Olympus

<https://download.omsystem.com/pages/owdownload/en/>

[or](#)

<https://software.omsystem.com/omworkspace/en/>

Panasonic

<https://av.ipn.support.panasonic.com/support/global/cs/dsc/>

Sony

<https://www.sony.com/electronics/support/cameras-camcorders-digital-cameras/download>



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