

Grayscale GRACoL_Coated Profile

The Grayscale GRACoL_Coated profile for Black printing is used at Friesens when printing Grayscale images on coated paper. This profile can be used to simulate printing on coated paper when used together with Proof Colors in Photoshop.

This profile can be used to convert images from RGB to Grayscale. This profile is intended to be used with black and white images that will be printed on coated paper. When Grayscale images are printed on coated paper the outcome of printing ink on paper results in the images appearing to have less contrast than on screen. Converting images to the Grayscale GRACoL_Coated profile on its own does not simulate ink on paper. The Proof Colors option in Photoshop is used to simulate printing on coated paper.

Macintosh ICC profile install:

- go to the Finder
- From the menu choose Go
- Press the Option key and select Library from the list
- Open the folder ColorSync
- Copy the profile into the Profiles folder.

Windows ICC profile install:

- Copy the profile to the Desktop
- Right-click on the profile and choose 'Install Profile' from the context menu.

Converting images:

Photoshop:

To use the Grayscale GRACoL_Coated profile in Photoshop select Edit, Convert to Profile.

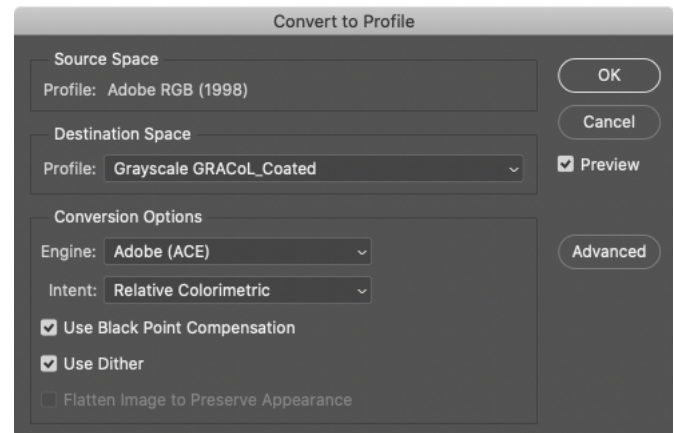
In this dialog select the following:

- Destination Space: Grayscale GRACoL_Coated

Conversion Options

- Engine: Adobe (ACE)
- Intent: Relative Colorimetric
- Use Black Point Compensation (checked)
- Use Dither (checked)

When saving images always embed the ICC profile.

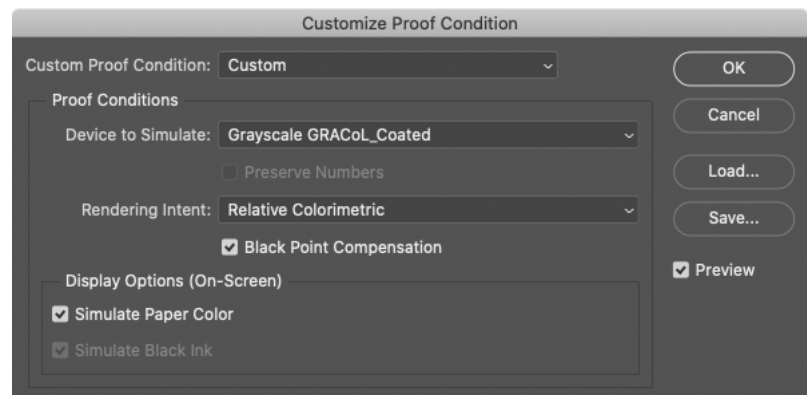


Using Proof Colors:

To use the Proof Colors option in Photoshop select View, Proof Setup, Custom...

In this dialog select the following:

- Device to Simulate: Grayscale GRACoL_Coated
- Rendering Intent: Relative Colorimetric
- Black Point Compensation (checked)
- Simulate Paper Color (checked)
- Simulate Black Ink (checked)



The Proof Colors is necessary for an accurate preview. Images can be converted to the Grayscale GRACoL_Coated profile without this preview turned on. The intensity of black ink on screen tends to be stronger than ink on paper, so image adjustments may be necessary in Photoshop to compensate. As a general guideline we recommend highlight and shadow values of 2% and 98% for Grayscale images.

As with all ICC profiles, this profile is most effective on a system that is colour calibrated and profiled.