



Proof a press with CMYK

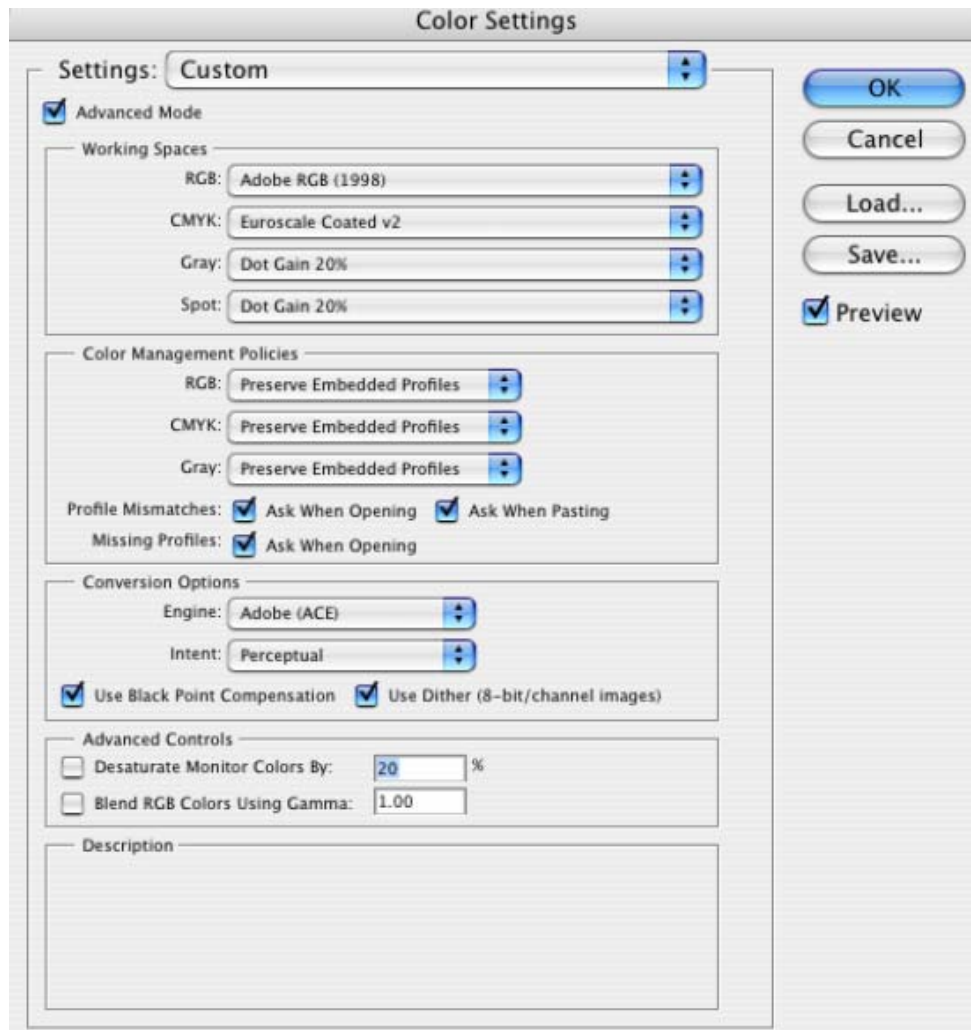
Application: Adobe Photoshop CS

Printer: HP Designjet 30/90/130 series

Software: HP Driver

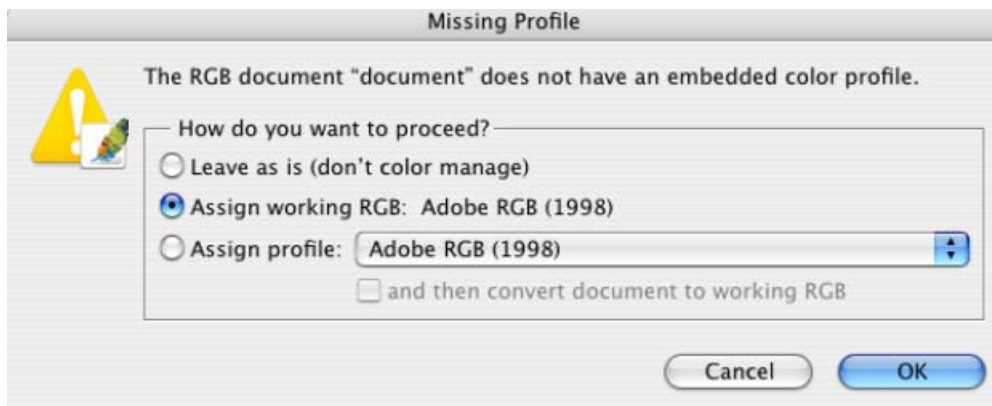
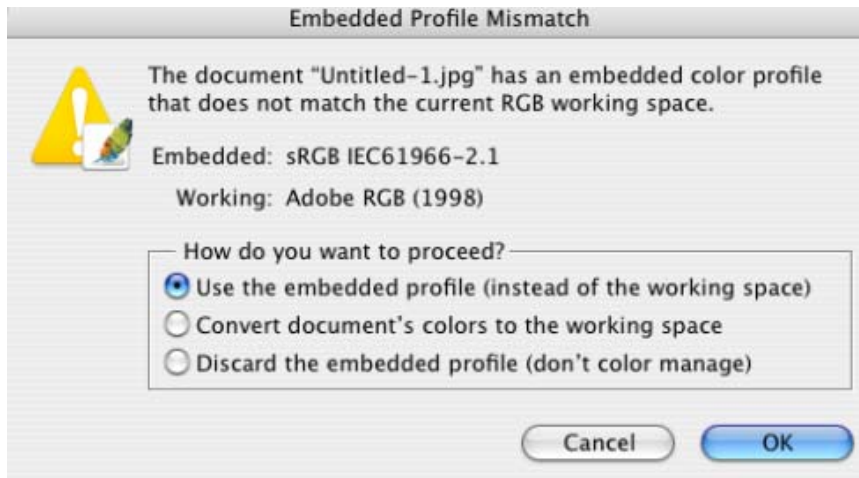
Operating System: Mac OS X

1. First recommendations:
 - Some paper types are better than others for proofing, see the [Media type functionality & features](#) and choose the most appropriate media.
 - It is essential to have the media type correctly calibrated with the printer and print mode, consult the [Calibrate my printer](#) document.
2. Open Adobe Photoshop CS.
3. Configure the **Color Settings, Photoshop menu > Color Settings...**:
 - Make sure the **Advanced Mode** check box is ticked.
 - **Working Space > RGB**: Adobe RGB (1998).
 - **Working Space > CMYK**: Euroscale Coated v2 (for Europe), U.S. Web Coated (for SWOP) v2 (US) and Japan Standard v2 (for Japan).
 - **Color Management Policies**: Preserve the embedded profiles.
 - **Profile Mismatches**: check **Ask When Opening** and **Ask When Pasting**.
 - **Missing Profiles**: check **Ask When Opening**.
 - **Conversion Options > Intent**: Perceptual (RGB images) or Relative Colorimetric (CMYK images).

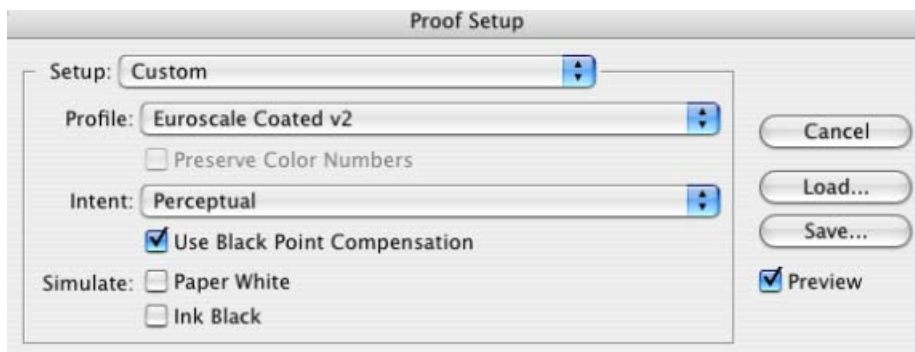


- Click **OK**

4. Open the image, **File menu > Open...**:
 - If the document has an embedded color profile that does not match the current working space, select **Use the embedded profile**. Otherwise, select **Assign working space**.



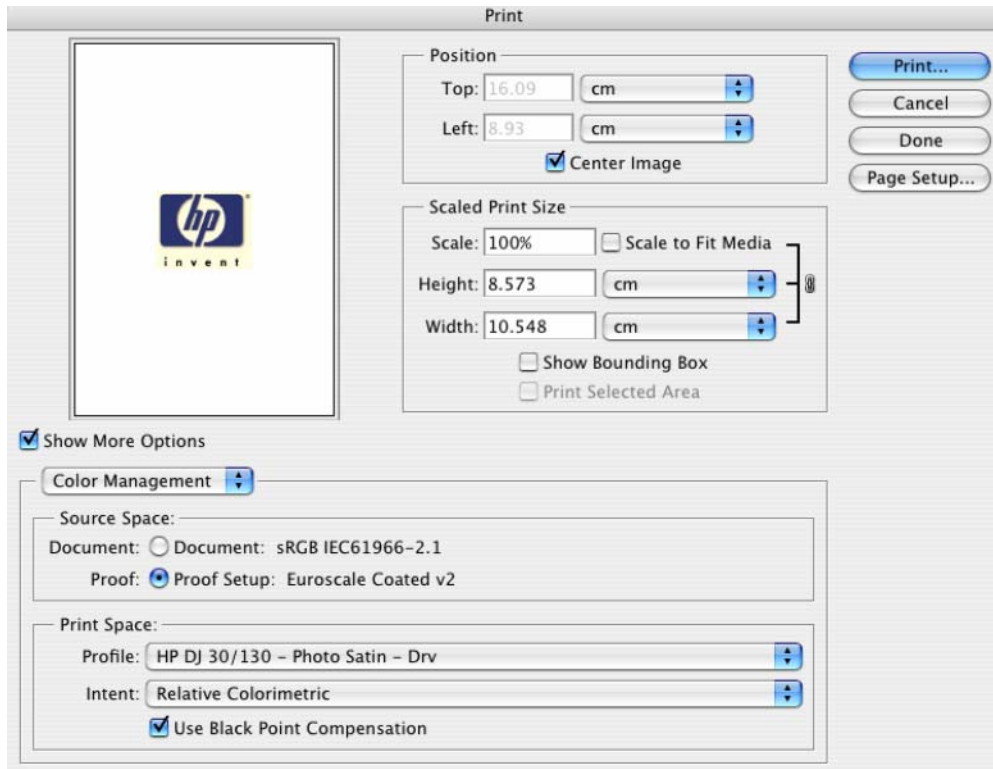
- Click **OK**.
5. Select your press profile in the **Proof Setup** dialog box, **View Menu > Proof Setup > Custom...**:
 - **Profile:** Select the press profile. If you don't have the press profile on the list, you should copy it into the folder: */Library/ColorSync/Profiles*.
 - **Intent:** Perceptual (for RGB images) or Relative Colorimetric (for CMYK images).
 - Check **Black Point Compensation**.
 - **Simulate > Paper White:** This setting only affects the display, check it if you want to emulate the white of the paper.



- Click **OK**.

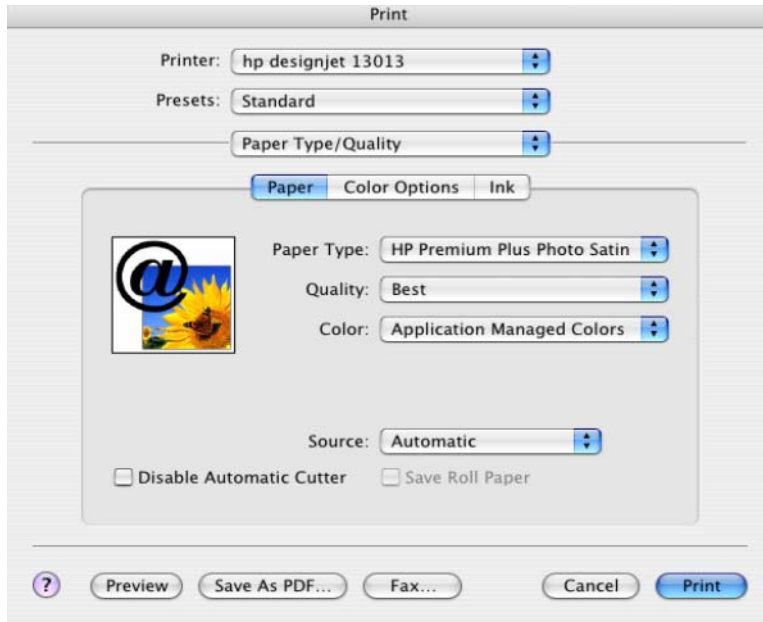
6. Adobe Photoshop **Print with Preview...** settings, **File menu > Print with Preview...**:

- **Page Setup:**
 - **Format for:** Select the printer (ex. hp_designjet 130).
 - **Paper Size:** Select the paper size of the media loaded on the printer.
 - **Orientation:** Select the orientation of your image on the paper.
 - Click **OK**.
- Set the **Position** and the **Scaled Print Size** you need.
- Check **Show More Options**.
- Select the **Color Management** tab:
 - **Source Space:** Proof.
 - **Print Space > Profile:** Select the profile of the printer and media type you will use to print.
 - **Print Space > Intent:** Relative Colorimetric (select Absolute Colorimetric if you want to emulate the white of the paper).



7. Driver Settings; **Print...**:

- **Printer:** Select the printer (ex. hp_designjet 130).
- **Paper Type/Quality > Paper tab:**
 - **Paper Type:** Select the media type that is loaded on the printer (same settings selected in Photoshop Print Space Profile, always calibrated).
 - **Quality:** Best.
 - **Color:** Application Managed Colors.



- Click **Print**.

For more information on HP Designjet products

www.hp.com/go/designjet

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