



## Proof a press with CMYK

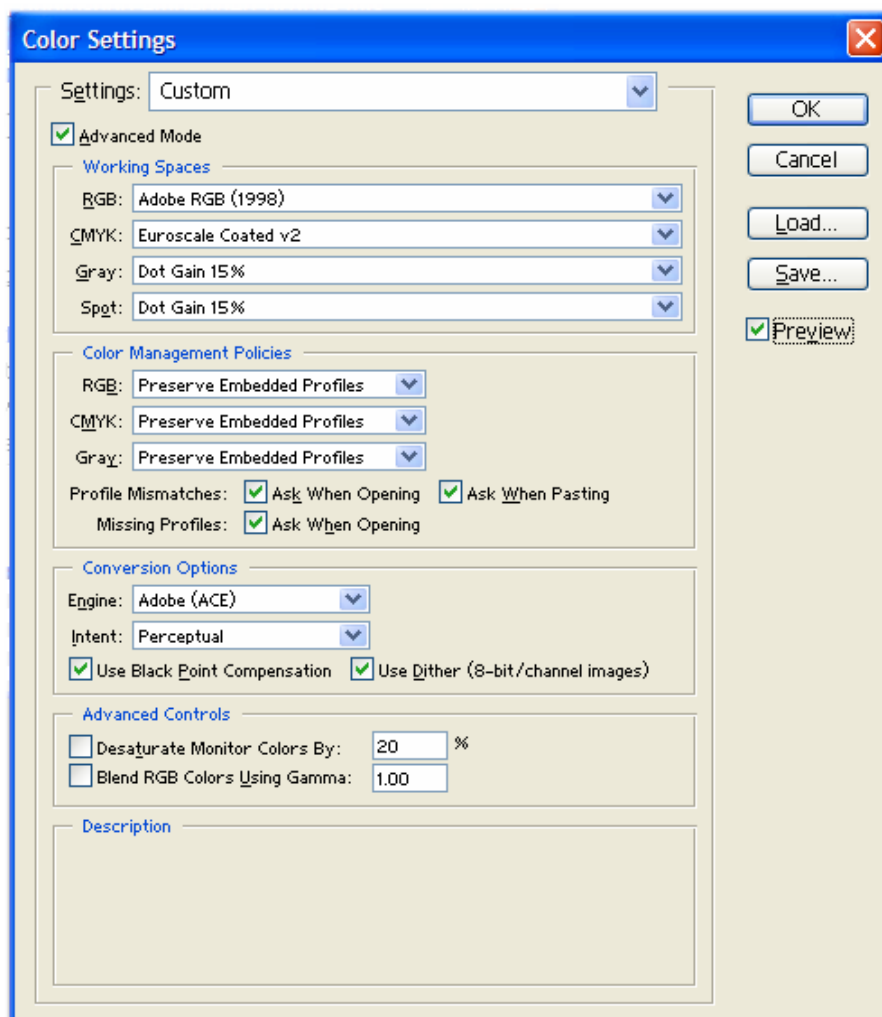
Application: Adobe Photoshop CS

Printer: HP Designjet 30/90/130 series

Software: HP Driver

Operating System: Windows

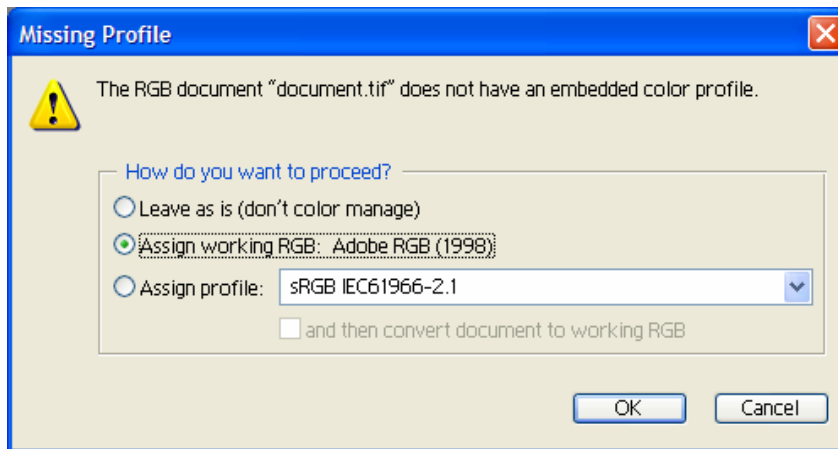
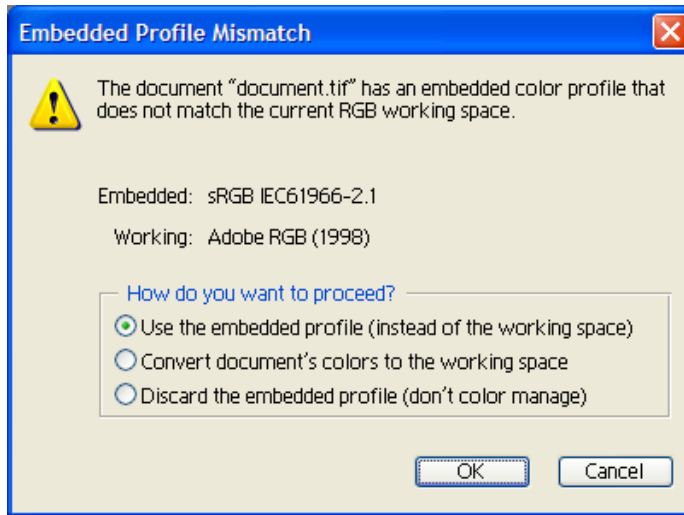
1. First recommendations:
  - Some paper types are better than others for proofing, see the [Media type functionality & features](#) and choose the most appropriate media.
  - It is essential to have the media type correctly calibrated with the printer and print mode, consult the [Calibrate my printer](#) document.
2. Open Adobe Photoshop CS.
3. Configure the **Color Settings, Edit 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...**:

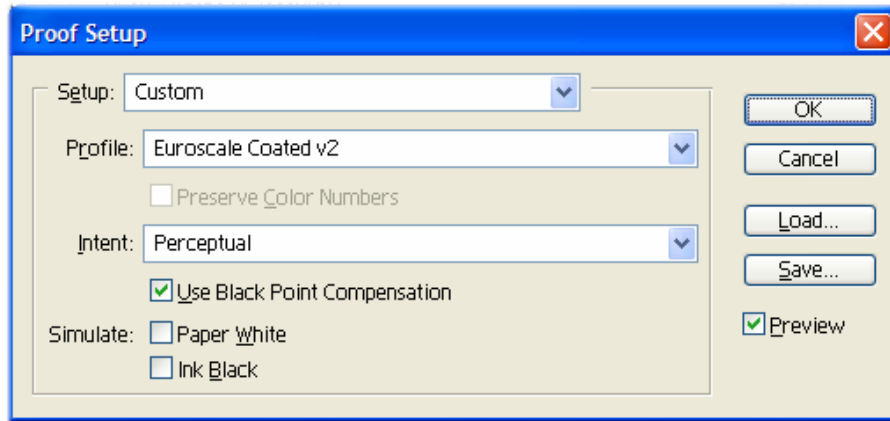
- If the document has an embedded color profile that does not match the current working space, select **Use the embedded profile**. Otherwise, select **Assign working space**.



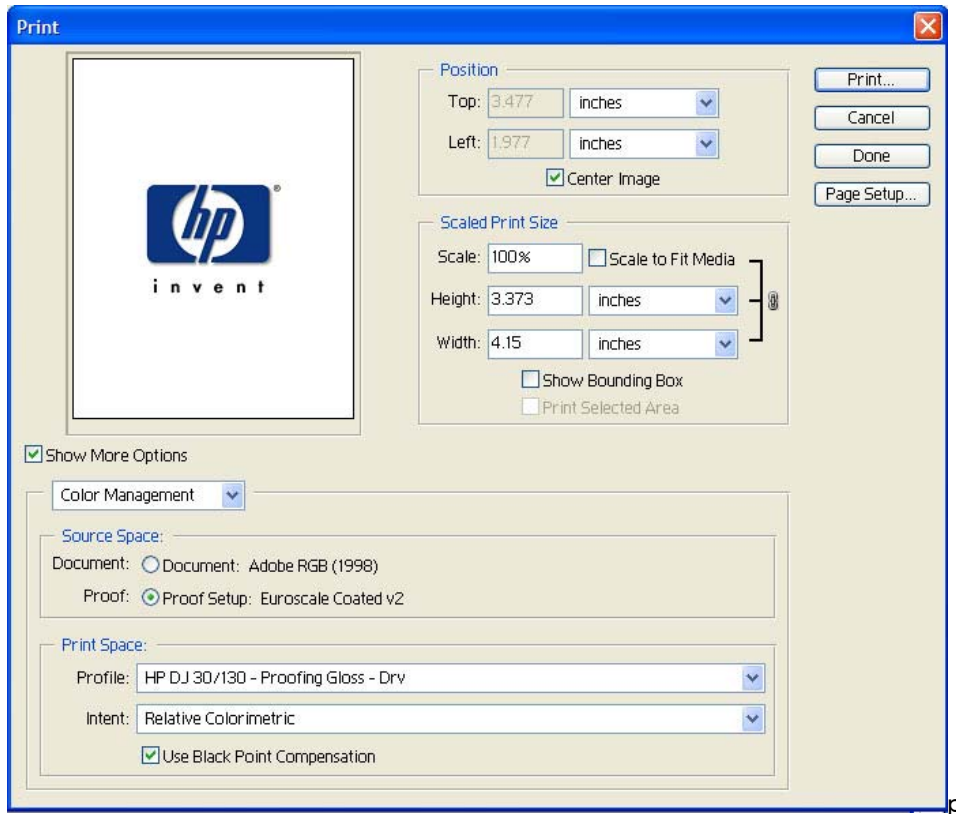
- Click **OK**.

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 in the next folder:  
*Windows 98:* WINDOWS>System>Color  
*Windows NT:* WinNT>System32>Color  
*Windows 2000:* C: > WINDOWS > System32 > Spool > Drivers > Color  
*Windows XP:* C: > WINDOWS > System32 > Spool > Drivers > Color
- **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.



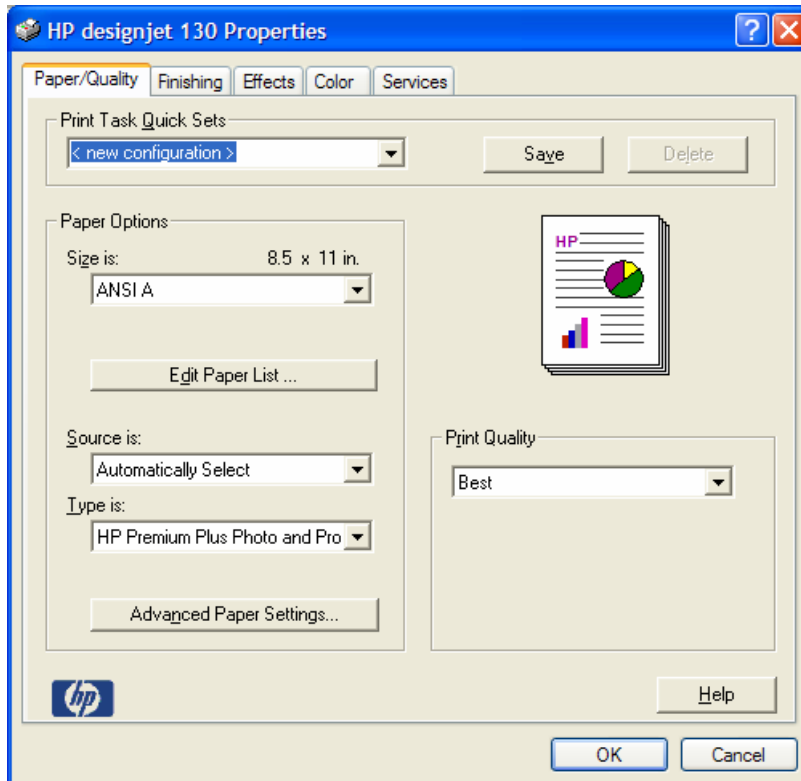
- Click **OK**.
6. Adobe Photoshop **Print with Preview...** settings, **File menu > Print with Preview...**:
- **Page Setup:**
    - **Printer...**: Select the printer (ex. HP Designjet 130).
    - Click **OK**.
    - **Paper Size**: Select the paper size of the media loaded on the printer.
    - **Orientation**: 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).



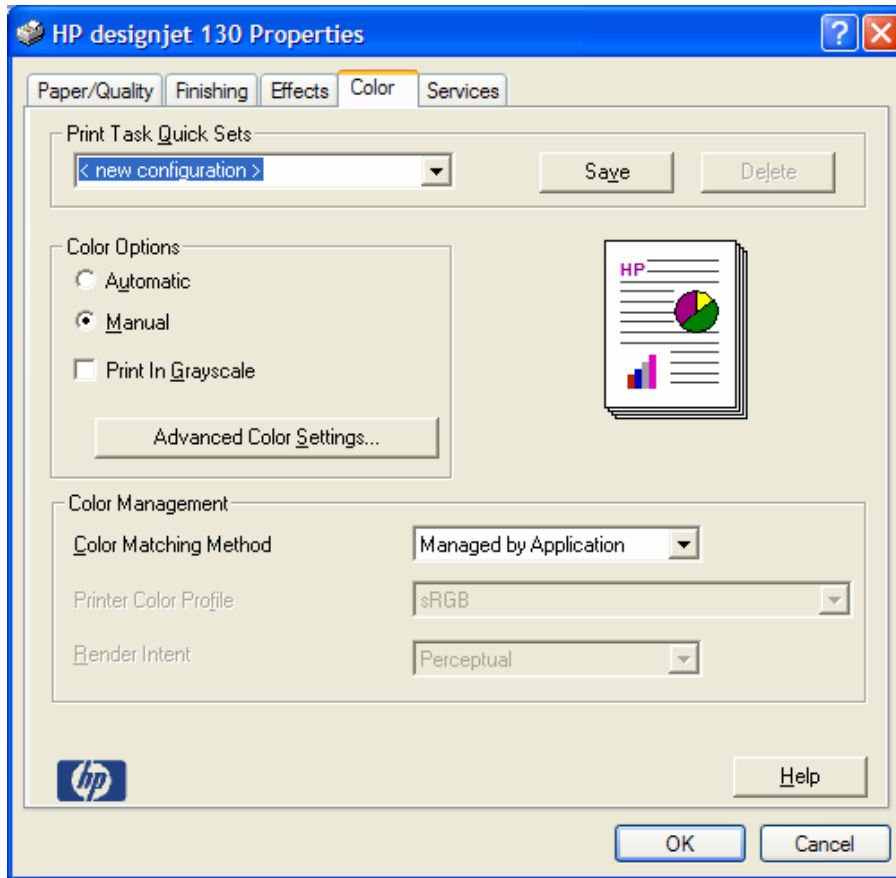
## 7. Driver Settings, **Print... > Properties:**

- **Paper/Quality** tab:

- **Type is:** Select the media type that is loaded on the printer (same settings selected in Photoshop Print Space Profile, always calibrated).
- **Print Quality:** Best.



- **Color** tab:
  - **Color Options:** Manual.
  - **Color Matching Method:** Managed by Application.



- Click **OK** twice.

For more information on HP Designjet products

[www.hp.com/go/designjet](http://www.hp.com/go/designjet)

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Rev. 1.0, 09/2005

