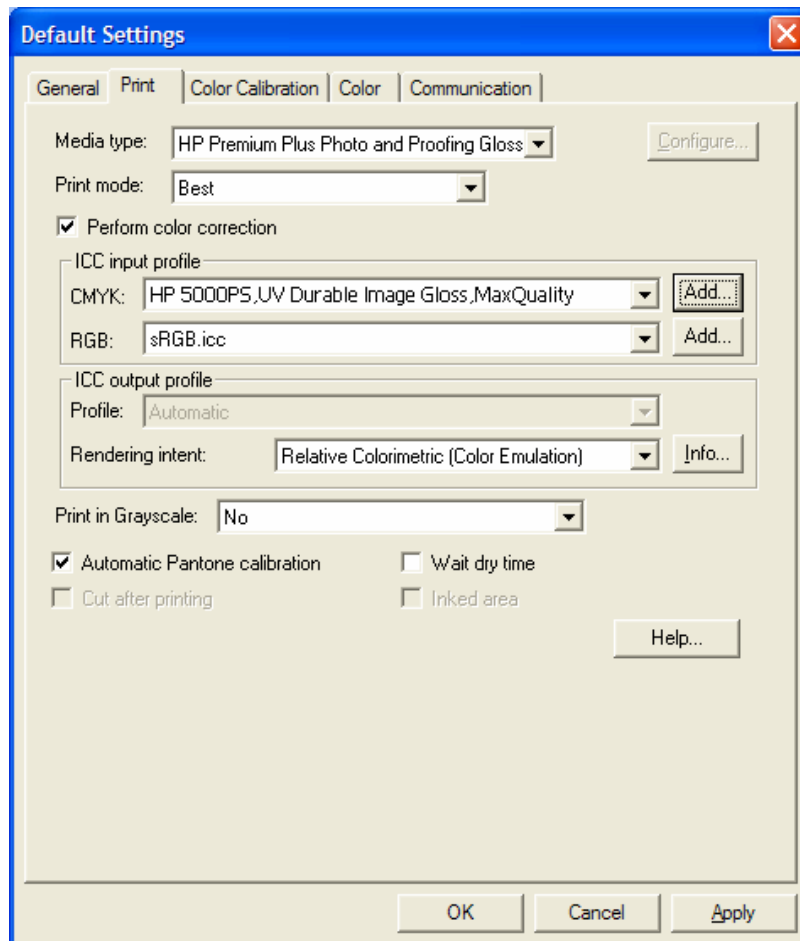# Proof another printer

Application: Adobe Illustrator CS
Printer: HP Designjet 30/130 series
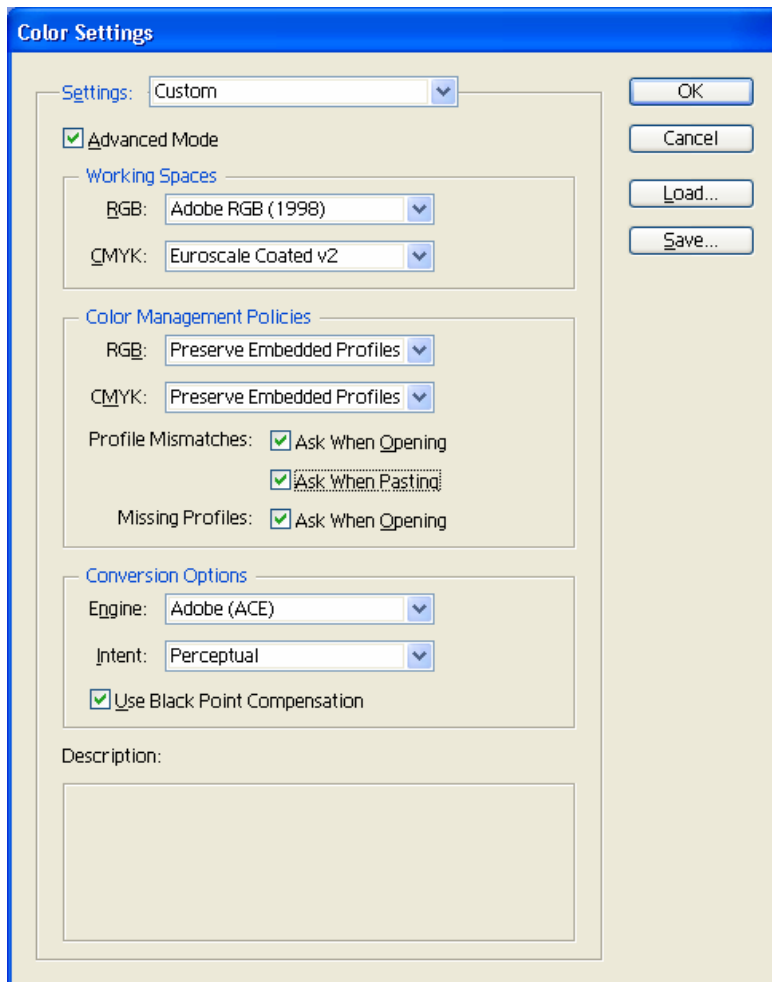*Software*: HP Software RIP
Operating System: Windows

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](#) section.

2. Add the printer profile you want to emulate in Adobe Illustrator CS and in the HP Software RIP, if it isn't already there.

   - If you need to add the printer profile in the application, copy it to 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

   - You will need to add the printer profile to the RIP:

     o Open the HP Software RIP.

     o Open the **Default Settings** menu, **Setup menu > Default Settings… > Print** tab:

       - Check **Perform Color Correction**.

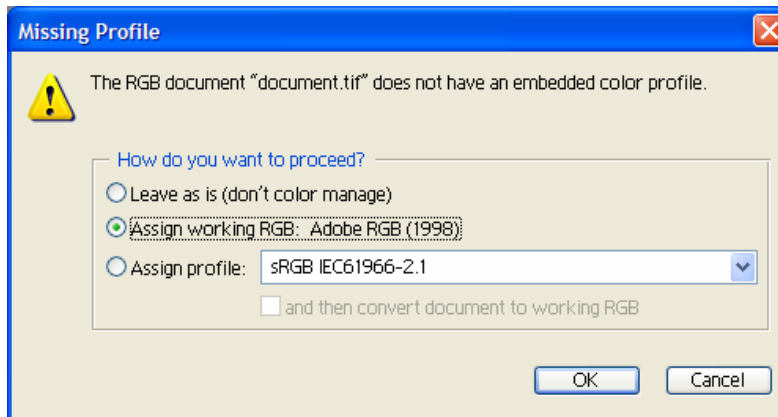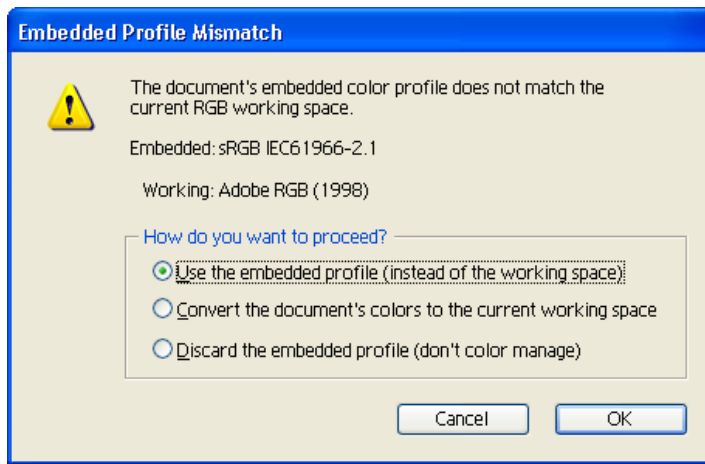   - **ICC input profle > CMYK > Add…**: browse and add the printer profile.
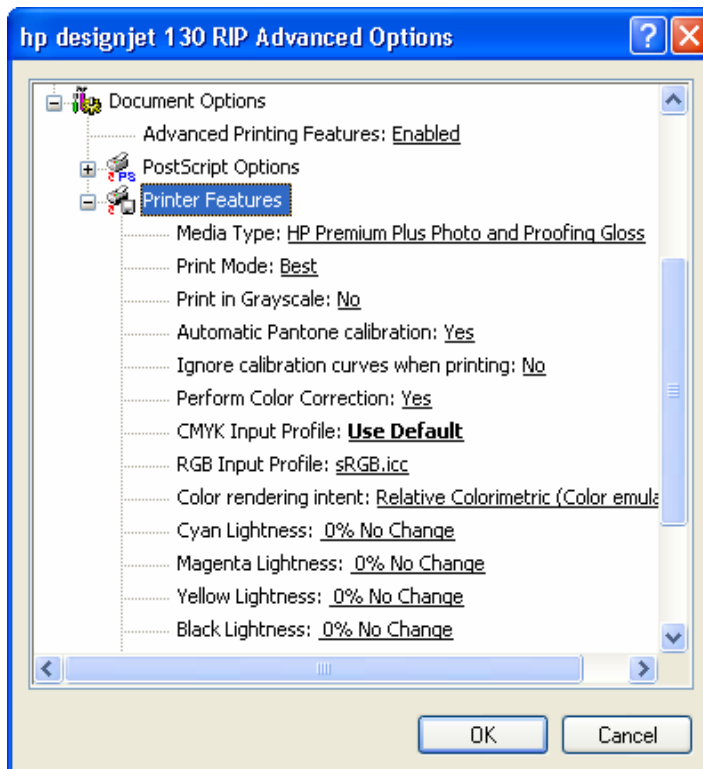

     o Click **OK**.

3. Open Adobe Illustrator CS.

4. Configure the **Color Settings, Edit menu > Color Settings…**:

- Make sure the **Advanced Mode** check box is ticked.
- **Working Space > RGB**: select Adobe RGB (1998).
- **Working Space > CMYK**: Euroscale Coated v2 (for Europe), U.S. Web Coated (SWOP) v2 (for 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 (for RGB images) or Relative Colorimetric (for CMYK images).
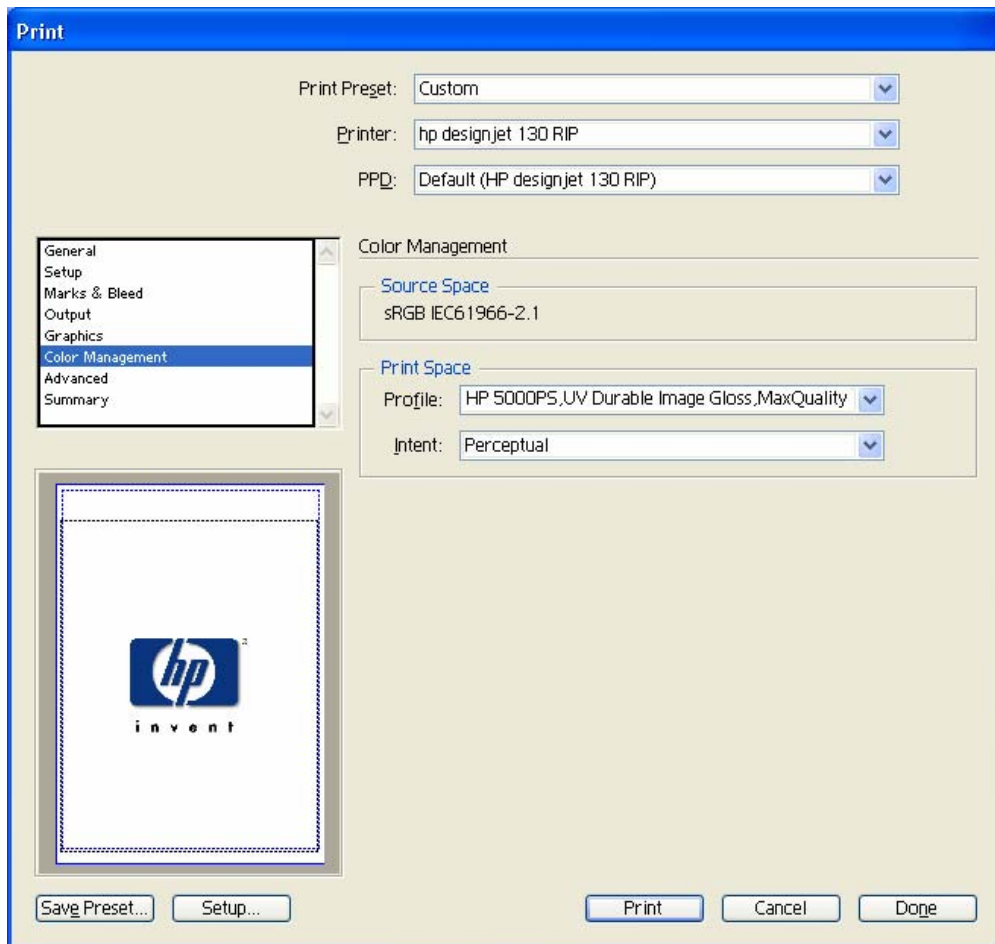

- Click **OK**

5. 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**.

Embedded Profile Mismatch

The document's embedded color profile does not match the current RGB working space.

Embedded: sRGB IEC61966-2.1

Working: Adobe RGB (1998)

How do you want to proceed?

- ● Use the embedded profile (instead of the working space)
- ○ Convert the document's colors to the current working space
- ○ Discard the embedded profile (don't color manage)

Cancel   OK

Missing Profile

The RGB document "document.tif" does not have an embedded color profile.

How do you want to proceed?

- ○ Leave as is (don't color manage)
- ● Assign working RGB: Adobe RGB (1998)
- ○ Assign profile: sRGB IEC61966-2.1
  - ☐ and then convert document to working RGB

OK   Cancel

- Click **OK**.

6. Make sure to have configured the **Document Setup** appropriately for your document, **File menu > Document Setup…**.

7. RIP settings, **File menu > Print… > Setup…** button:

   - **Select Printer…**: Select the printer (ex. HP designjet 130 RIP).

   - **Preferences:**

     o **Layout** tab:

       - **Orientation:** Select the orientation of your document on the paper.

     o **Advanced…**

       - **Paper/Output > Paper Size:** Select the paper size of the media loaded on the printer.

       - **Document Options > Printer Features**:

         - Select the **Media Type** that is loaded on the printer (always calibrated).

         - **Print Mode**: Best (always calibrated).

         - **Perform Color Correction**: Yes.

         - **CMYK Input Profile**: select **Use Default**, it will use the printer profile you have added in the Software RIP.

         - **Color rendering intent:** Relative Colorimetric (select Absolute Colorimetric if you want to emulate the white of the paper).

- Click **OK** until the Illustrator **Print** dialog box.

8. Adobe Illustrator **Print...** settings:
    - **General** (left hand menu):
        - o **Media > Size:** Defined by Driver.
        - o **Options:** Select the scaling option you need.
    - **Output** (left hand menu):
        - o **Mode:** Composite.
    - **Color Management** (left hand menu):
        - o **Print Space > Profile**: Select the printer profile you want to emulate.
        - o **Print Space > Intent**: Perceptual (for RGB images) or Relative Colorimetric (for CMYK images).

- Click **Print.**

For more information on HP Designjet products

www.hp.com/go/designjet

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