hp

Printing a photo

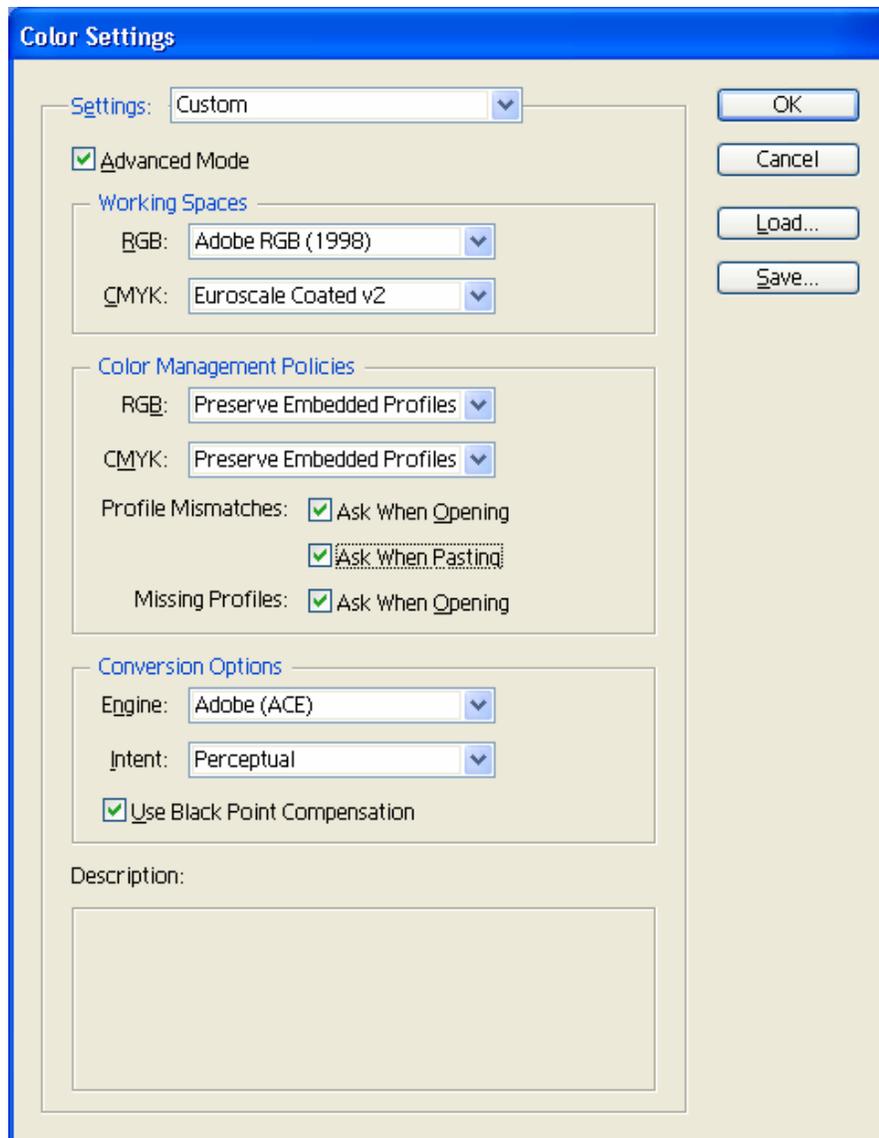*Application:* Adobe Illustrator CS
Printer: HP Designjet 30/130 series
Software: HP Software RIP
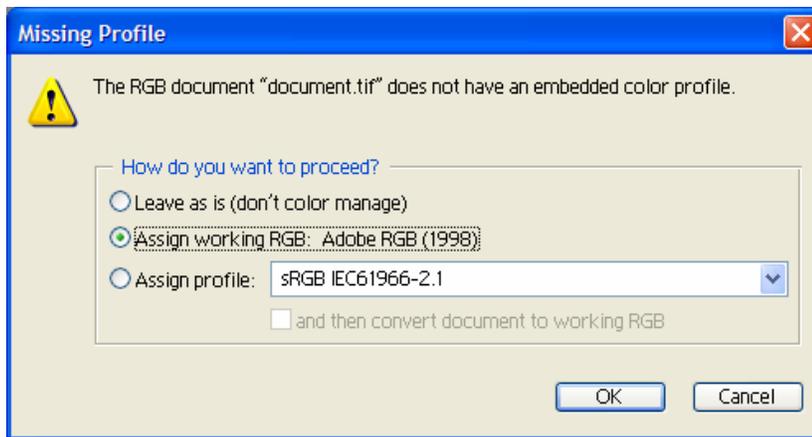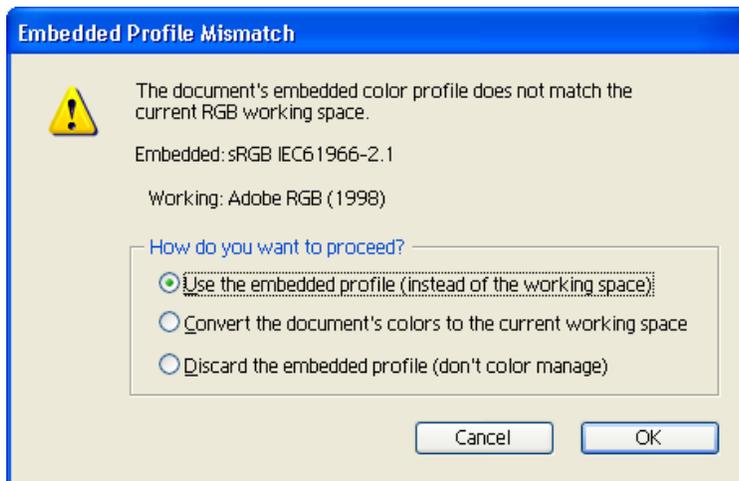*Operating System:* Windows

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1. First recommendations:
   - 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. Open Adobe Illustrator CS.
3. Configure the **Color Settings, Edit menu > Color Settings…**:
   - Make sure the **Advanced Mode** check box is ticked.
   - **Working Space > RGB**: select profile of the scanner or camera you have used to get the photo (source profile), if you don't have it, select Adobe RGB (1998).
   - **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.

Color Settings

Settings: Custom

☑ Advanced Mode

Working Spaces
RGB: Adobe RGB (1998)
CMYK: Euroscale Coated v2

Color Management Policies
RGB: Preserve Embedded Profiles
CMYK: Preserve Embedded Profiles
Profile Mismatches: ☑ Ask When Opening
☑ Ask When Pasting
Missing Profiles: ☑ Ask When Opening

Conversion Options
Engine: Adobe (ACE)
Intent: Perceptual
☑ Use Black Point Compensation

Description:

OK
Cancel
Load…
Save…

   - Click **OK**

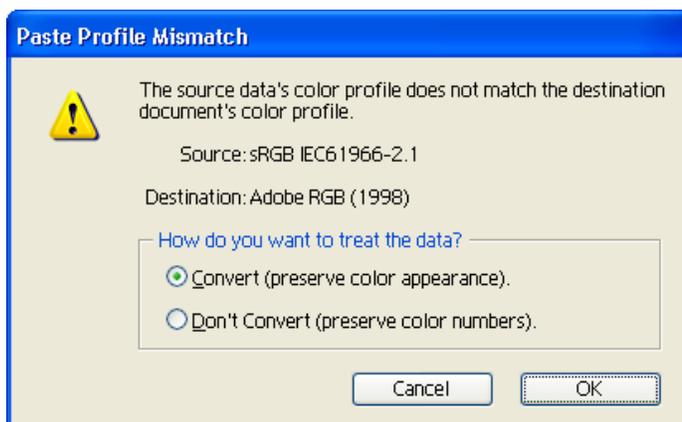4. Open the image, **File menu > Open**…:

- 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**.
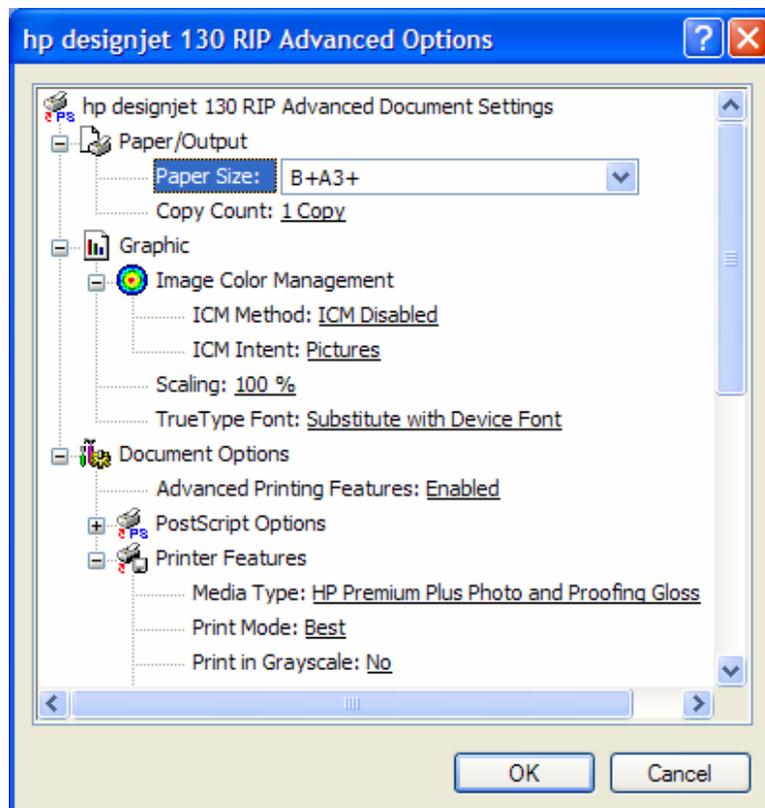

- Click **OK**

5. If you place an image, you should embed the image in the document. If it has an embedded profile, it will be converted from the embedded color profile to the document color profile preserving the color appearance. If it doesn't have an embedded color profile, Illustrator will assign the document color profile.

- **File menu > Place…**: browse the image and uncheck the **Link** checkbox. If you are asked **How do you want to treat the data?**, select **Convert**.
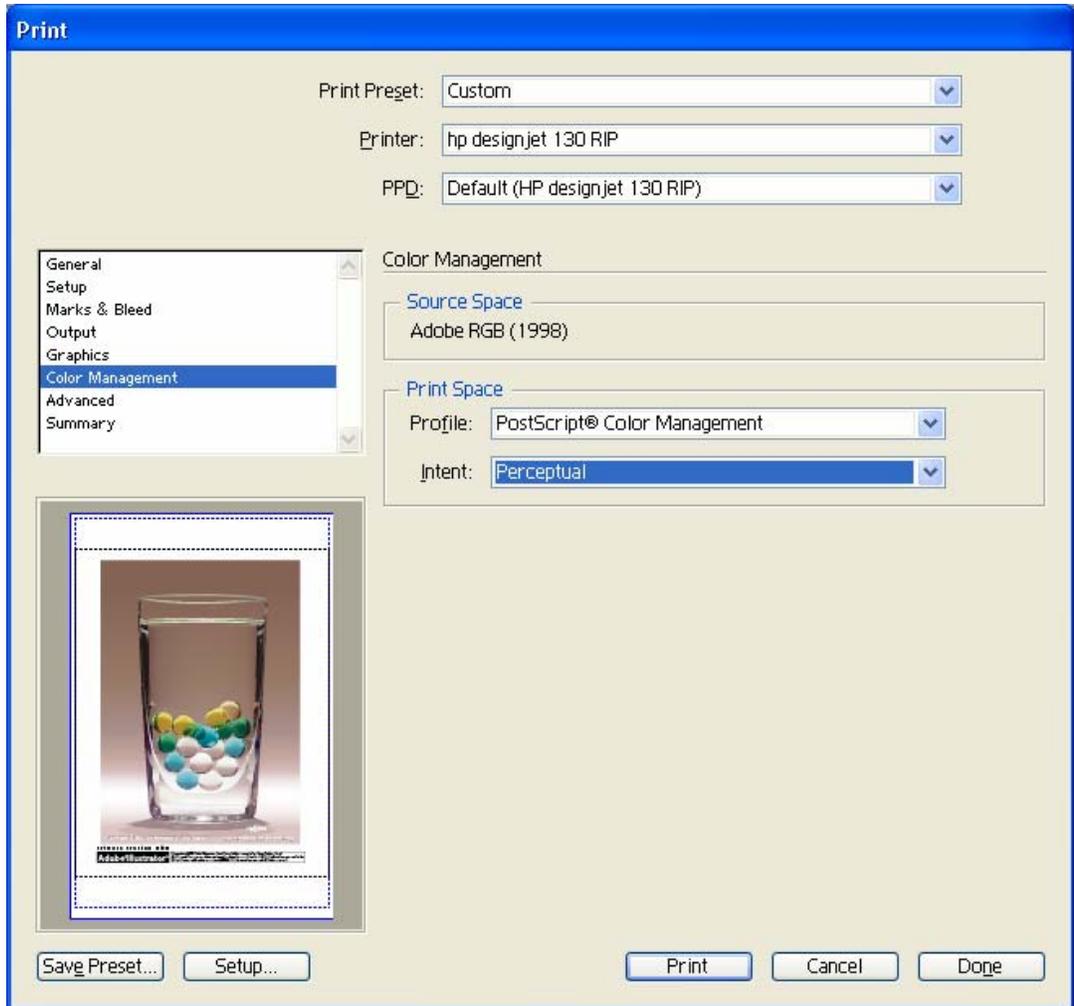

- Click **OK**.

6. Make sure you 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).

         - You don't need to worry about the RIP color settings (Perform Color Correction, CMYK and RGB Input Profiles and Color rendering intent) because you will select **PostScript Color Management** option in the application, then, the application tells the RIP which source profile and rendering intent should be used for the conversion to the print space, these are the Source Space profile and the Print Space Intent of the application. The RIP color settings will be overridden.

   - 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**: PostScript Color Management
     - o **Print Space > Intent**: Perceptual.

   - Click **Print.**

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