



## Proof a press with CMYK

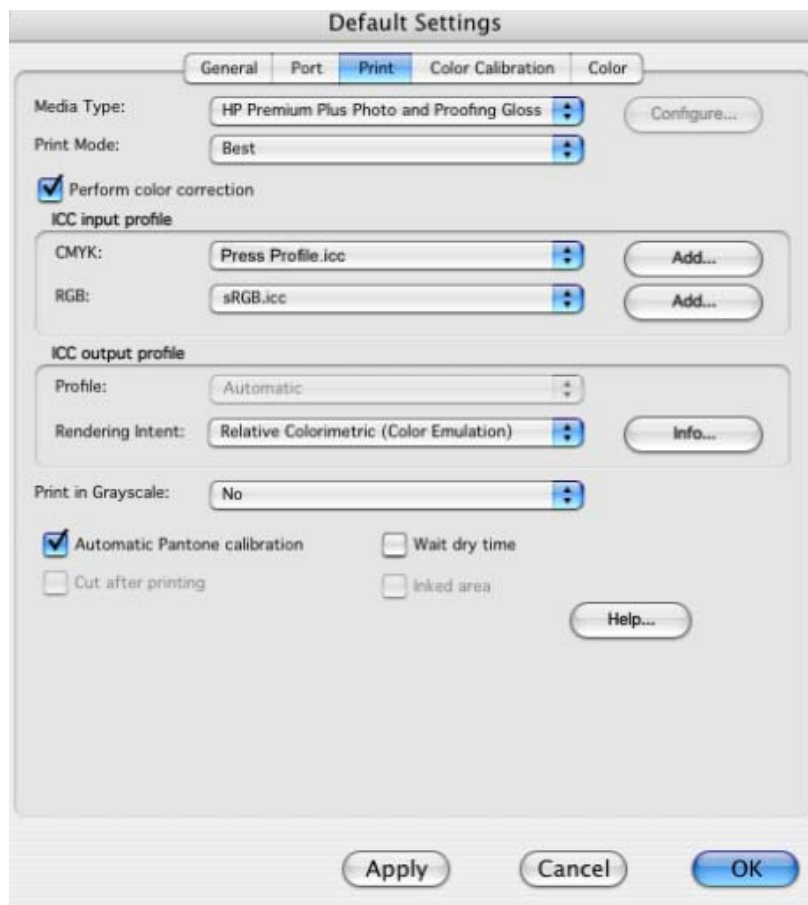
Application: QuarkXPress 6.5

Printer: HP Designjet 30/130 series

Software: HP Software RIP

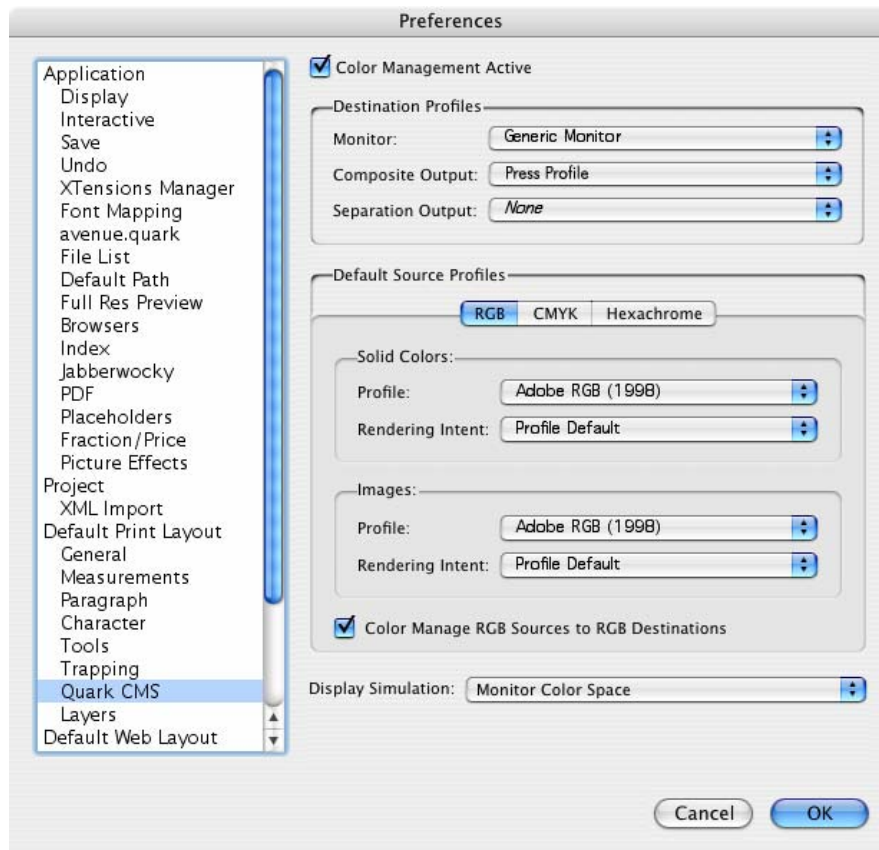
Operating System: Mac OS X

1. First recommendations:
  - See the [Media type functionality & features](#) and choose the most appropriate media.
  - It is essential that you have the media type correctly calibrated with the printer and print mode, consult the [Calibrate my printer](#) document.
2. If it is not already there add the press profile you want to emulate to QuarkXPress and to the HP Software RIP.
  - If you need to add the press profile to the application, copy it from the next folder:  
/Library/ColorSync/Profiles
  - If you need to add the press profile in the HP Software RIP:
    - Open the HP Software RIP.
    - Open the **Default Settings** menu, **Setup menu > Default Settings... > Print** tab:
      - Check **Perform Color Correction**.
      - **ICC input profile > CMYK > Add...**: browse and add the press profile.



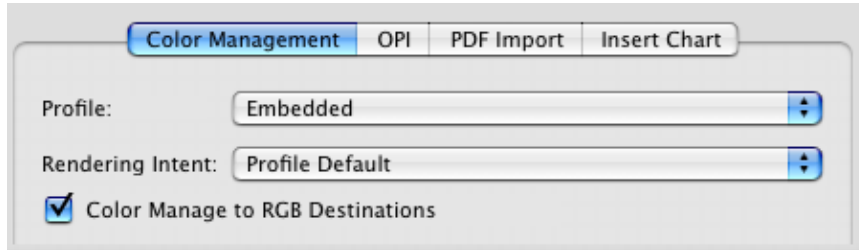
- Click **OK**.
3. Open QuarkXpress.
  4. Configure the color **Preferences, QuarkXPress menu > Preferences... > Quark CMS** (left hand menu):
    - Check the **Color Management Active** checkbox.
    - **Destination Profiles:**

- **Monitor:** If you want to get a good display, profile your monitor ([how to profile my monitor](#)) and use the setting here to select the monitor profile.
- **Composite Output:** Select the press profile you want to emulate.
- **Default Source Profiles > RGB** tab:
  - **Profile** (Solid Colors/Images): Adobe RGB (1998).
  - **Rendering Intent** (Solid Colors/Images): Profile Default.
  - Check **Color Manage RGB Sources to RGB Destinations**.
- **Default Source Profiles > CMYK** tab:
  - **Profile** (Solid Colors/Images): SWOP Press.
  - **Rendering Intent** (Solid Colors/Images): Profile Default.
  - Check **Color Manage CMYK Sources to CMYK Destinations**.
- **Display simulation:** Select **Monitor Color Space** to get an accurate display of your document, select **Composite Output Color Space** to emulate the press on the monitor (you must have the monitor profile correctly selected on **Monitor** to get a good result).

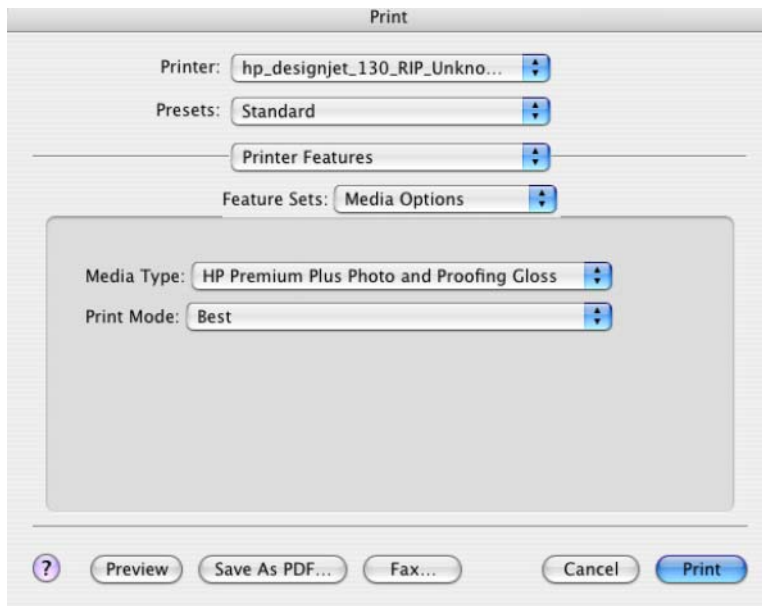


- Click **OK**.
5. Open your project, **File menu > Open...**, and browse it. To insert images, draw a box with the **Rectangle Picture Box** and insert the image, **File menu > Get Picture...**
- Browse the file.
  - **Color Management** tab:
    - **Profile:** If the image has an Embedded profile, preserve it, if not, select Default.

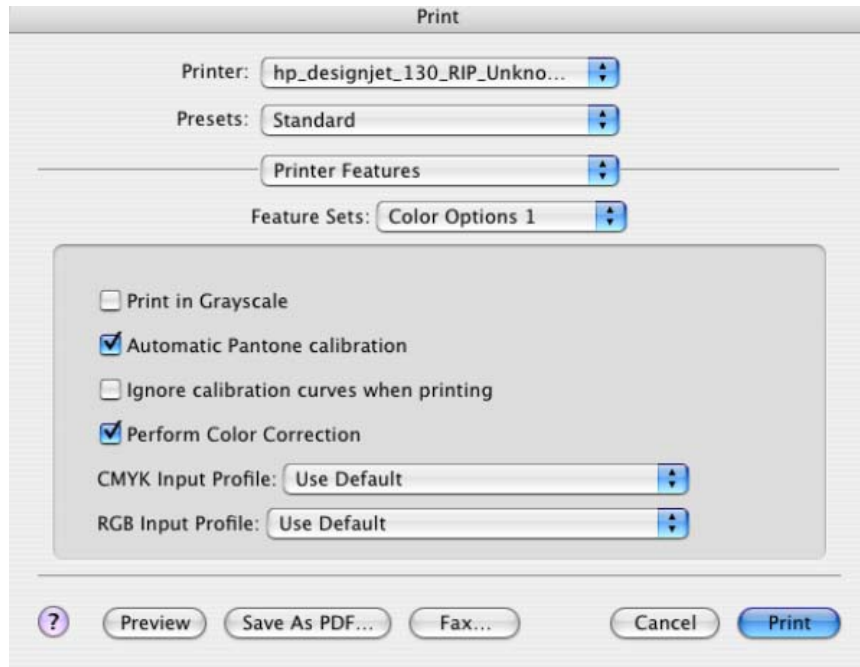
- o **Rendering Intent:** Profile Default.
- o Check **Color Manage to RGB/CMYK Destinations.**



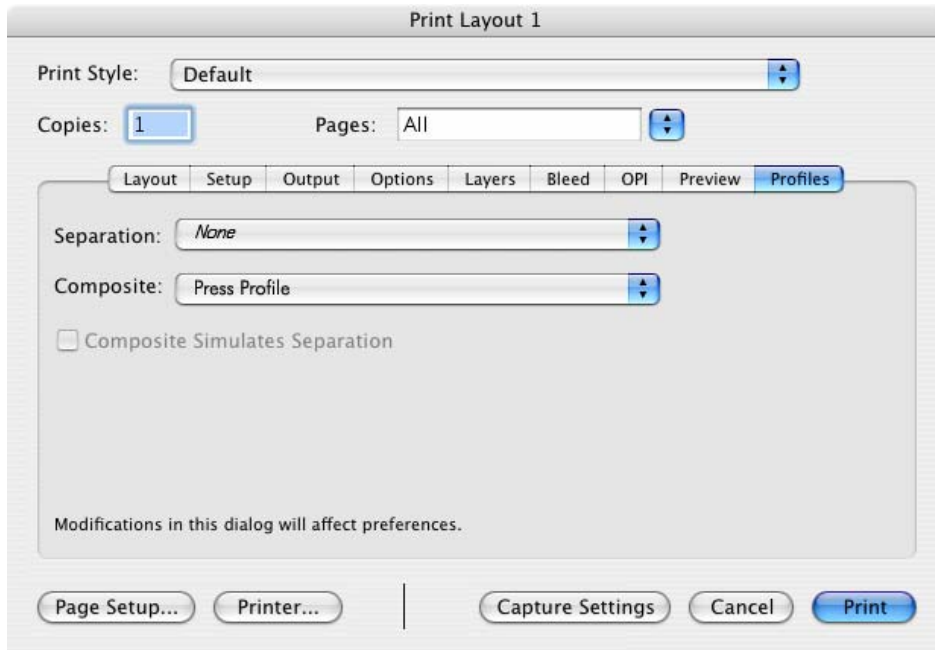
- Click **Open**.
6. So that you get a good display select the image, and then, **Item menu > Preview Resolution: Full Resolution.**
  7. Print settings, **File menu > Print...:**
    - **Printer...** button:
      - **Printer:** Select the printer (ex. EFISoftwarePrinter).
      - **Printer Features > Media Options** (Mac OS X v10.3):
        - o Select the **Media Type** that is loaded on the printer.
        - o **Print Mode:** Best.



- **Color Options 1:**
  - o Check **Perform Color Correction.**
  - o **CMYK Input Profile:** select the press profile you want to emulate, if you have already added and selected it in the RIP, select **Use Default.**



- **Color Options 2:**
  - **Color rendering intent:** Relative Colorimetric (select Absolute Colorimetric if you want to emulate the white of the paper).
- Click **Print**.
- **Page Setup...** button:
  - **Format for:** Select the printer RIP.
  - **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**.
- **QuarkXPress** print settings:
  - **Layout tab:** Uncheck **Separations**.
  - **Setup tab:**
    - **Printer Description:** Select the printer RIP.
    - **Paper size:** Select the paper size you have already selected on the Page Setup dialog box.
    - **Reduce or Enlarge:** Select the scaling factor you need.
    - **Page Position:** Select the page position you need if the image is smaller than the paper size.
  - **Output tab > Print Colors:** Composite CMYK.
  - **Preview tab:** Check the preview of your image on the paper.
  - **Profiles tab > Composite:** Select the press profile.



- Click **Print**.

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