Create and print a contact sheet
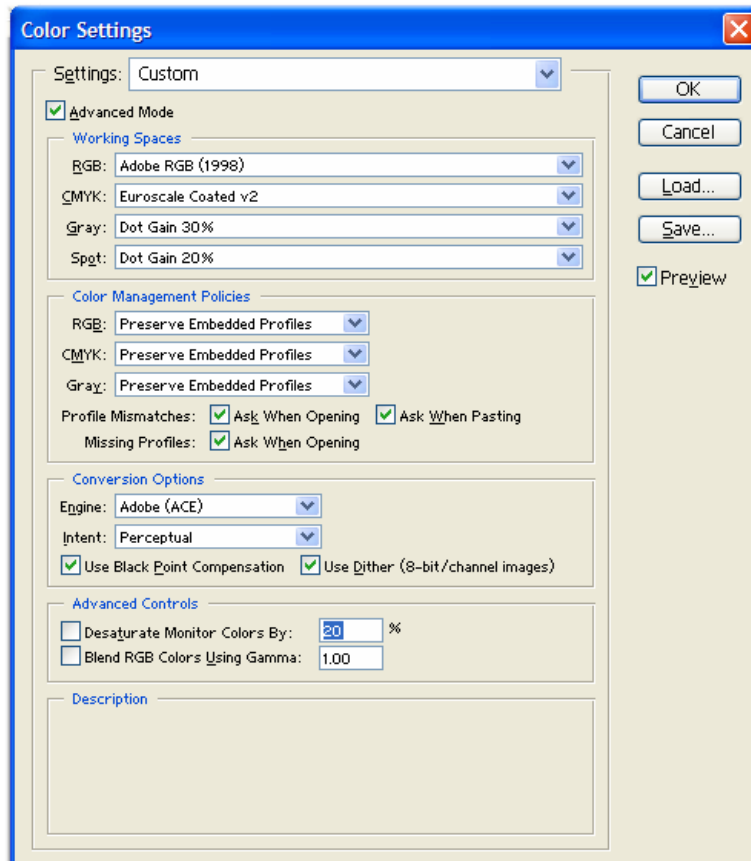
Application: Adobe Photoshop CS
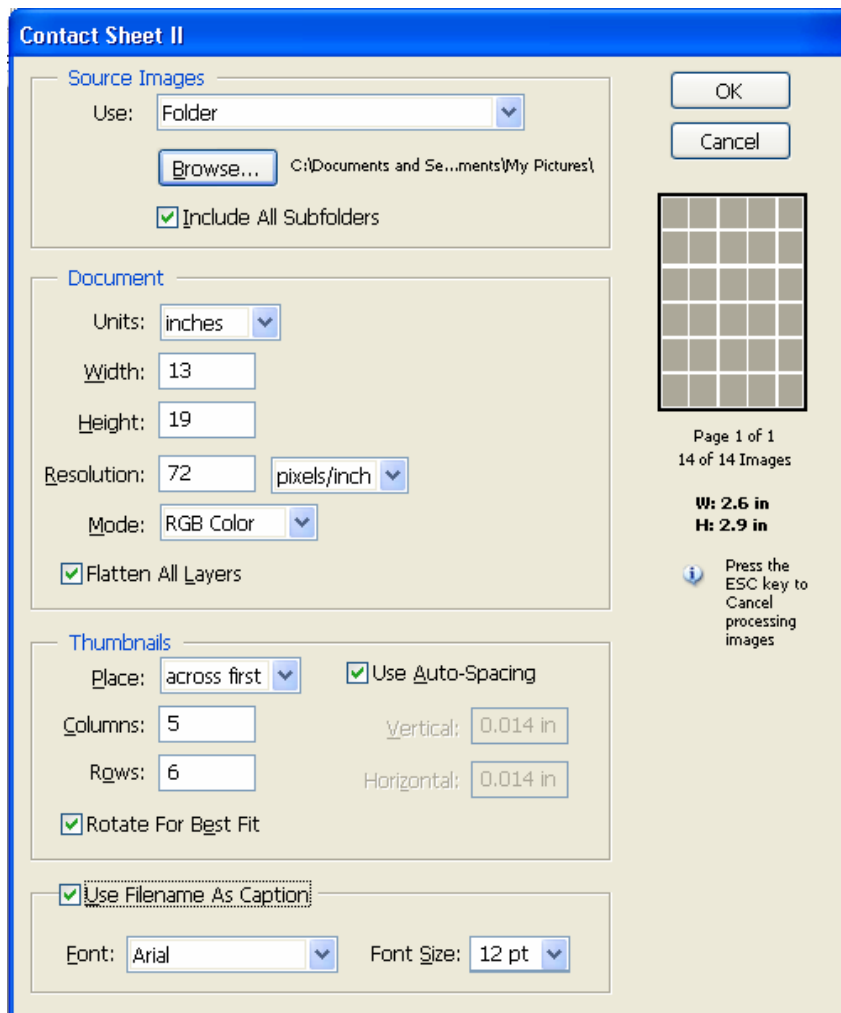*Printer:* HP Designjet 30/130 series
Software: HP Software RIP
Operating System: Windows

1. First recommendations:
   - See the <u>Media type functionality & features</u> and choose the most appropriate media.
   - It is essential you have the media type correctly calibrated with the printer and print mode, consult the <u>Calibrate my printer</u> section.
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**: select the profile of the scanner or camera you have used to get the photos (source profile), if you don't have it, 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.**
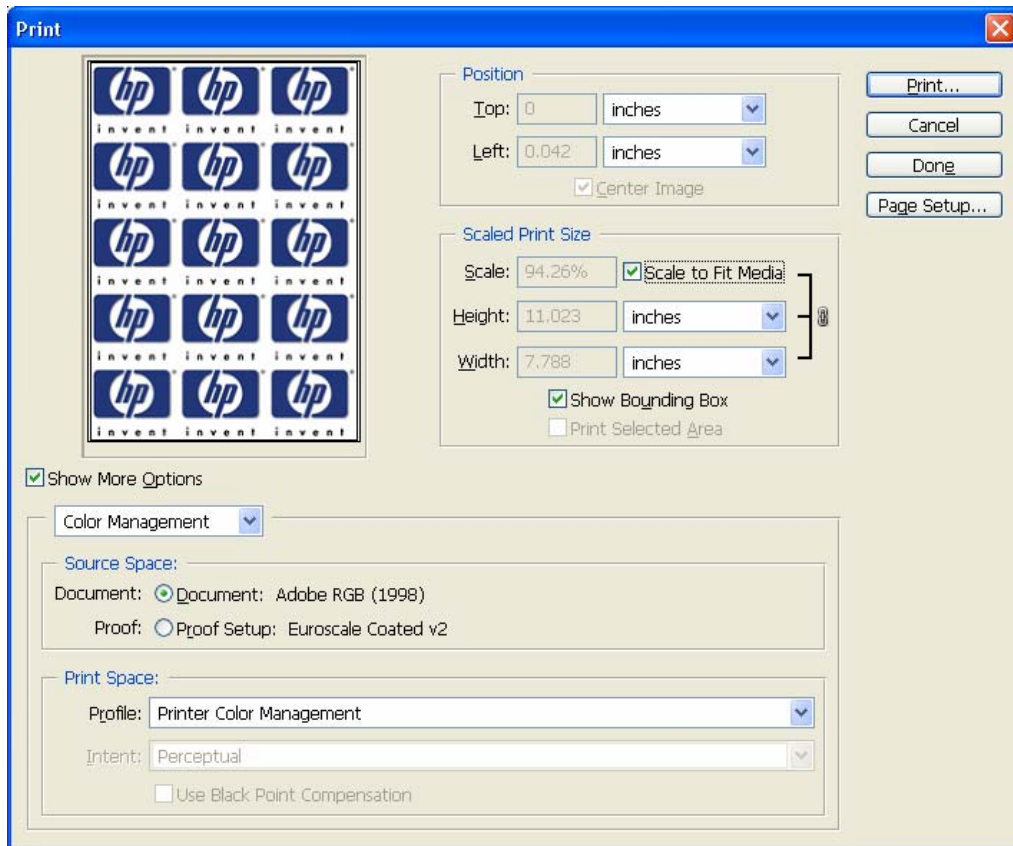   - **Conversion Options > Intent**: Perceptual.

   - Click **OK.**
4. Create the contact sheet, **File menu > Automate > Contact Sheet II…**:
   - **Source Images > Use:** Folder, and then click the **Browse** button to specify the folder containing the images you want to use. Select **Include All Subfolders** to include images inside any subfolders.

- **Document:**
  - Specify the **Dimensions** and **Resolution** for the contact sheet.
  - **Mode:** RGB Color.
  - **Flatten All Layers:** Select this to create a contact sheet with all images and text on a single layer. Deselect **Flatten All Layers** to create a contact sheet in which each image is on a separate layer and each caption is on a separate text layer.
- **Thumbnails**: Specify layout options for the thumbnail previews. Select **Rotate For Best Fit** to rotate the images, regardless of their orientation, so they fit efficiently on a contact sheet.
- **Use Filename As Caption:** Select this to label the thumbnails using their source image filenames. Use the menu to specify a caption font and font size.
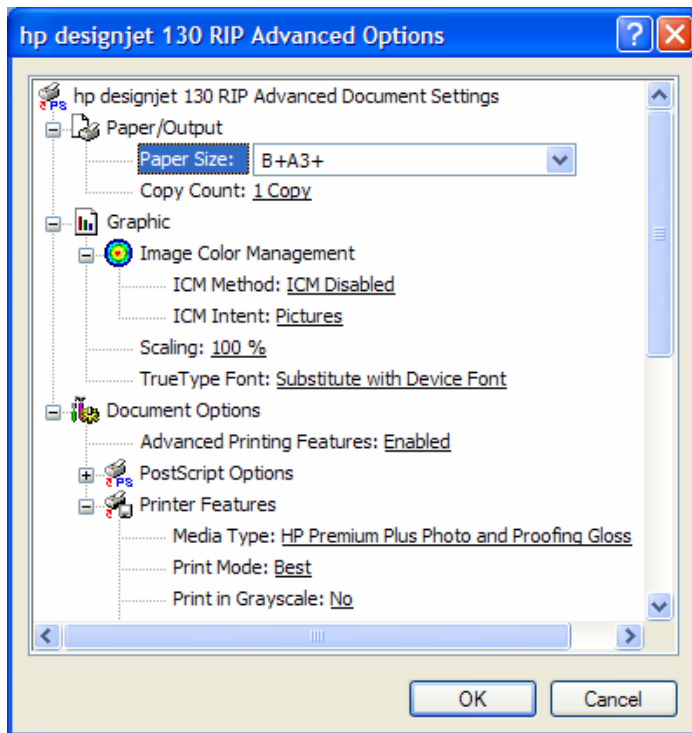

- Click **OK.**
5. Adobe Photoshop **Print with Preview...** settings, **File menu > Print with Preview...**:
   - **Page Setup:**
     - **Printer...** button: Select the printer (ex. HP designjet 130 RIP).
     - Click **OK**.
     - **Paper Size**: Select the paper size of the media loaded on the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

- o Click **OK**.
- Set the **Position** and the **Scaled Print Size** you need. If the contact sheet is bigger than the print size, select **Scale to Fit Media**.
- Check **Show More Options**.
- Select the **Color Management** tab:
  - o **Source Space**: Document.
  - o **Print Space > Profile**: Printer Color Management.
  - o **Print Space > Intent**: Perceptual.

6. RIP settings, **Print... > Properties > Advanced...** button:

- **Document Options > Printer Features**:
  - o Select the **Media Type** that is loaded on the printer (always calibrated).
  - o **Print Mode:** Best (always calibrated).
  - o 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 have selected **Printer 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 Document profile and the Print Space Intent of the application. The RIP color settings will be overridden.

hp designjet 130 RIP Advanced Options

hp designjet 130 RIP Advanced Document Settings
- Paper/Output
  - Paper Size: B+A3+
  - Copy Count: 1 Copy
- Graphic
  - Image Color Management
    - ICM Method: ICM Disabled
    - ICM Intent: Pictures
  - Scaling: 100 %
  - TrueType Font: Substitute with Device Font
- Document Options
  - Advanced Printing Features: Enabled
  - PostScript Options
  - Printer Features
    - Media Type: HP Premium Plus Photo and Proofing Gloss
    - Print Mode: Best
    - Print in Grayscale: No

[OK] [Cancel]

- Click **OK**, until print.

For more information on HP Designjet products

www.hp.com/go/designjet

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