

Proof a press

<u>Application:</u> Adobe InDesign CS2 <u>Printer:</u> HP Designjet Z3100 series <u>Software</u>: HP PS Driver <u>Operating System:</u> Mac OS X



You should consider that each person has their own perception and their own subjective opinion about the result; this is because there are various factors that can influence our opinions, such as the type of image (portrait, landscape...), the source color space, the media used, the environmental conditions, the subjective perception about your own photo, etc.... This means the printing suggestion may not completely match with your own personal opinion.

- 1. First recommendations:
 - Refer to <u>Media type functionality & features</u> and choose the most appropriate media.
 - It is essential that you have the media type correctly calibrated with the printer, refer to the <u>Calibrate my printer</u> section.
 - In order to get a correct display, it's also essential that you have the monitor profiled, refer to the <u>Profile my monitor</u> document.
 - If the paper that you are using is not listed, or if you cannot find a paper type that resembles yours closely enough, we strongly recommend creating a new Custom Paper Type. You can add a custom paper automatically by using the HP Color Center; refer to the <u>Add and profile</u> <u>a new paper type</u> document.
- 2. Open Adobe InDesign CS2.
- 3. Configure the Color Settings, **Edit menu > Color Settings...**:
 - Make sure the **Advanced Mode** check box is ticked.
 - **Working Spaces > RGB**: Select profile of the scanner or camera you have used to get the photo (source profile), if you don't have it, Adobe RGB (1998).
 - Working Spaces > CMYK: Europe ISO Coated FOGRA27 (for Europe), U.S. Web Coated (SWOP) v2` (for US) and Japan Standard v2 (for Japan).
 - Color Management Policies: Select Preserve Embedded Profiles.
 - Profile Mismatches: Check Ask When Opening and Ask When Pasting.
 - Missing Profiles: Check Ask When Opening.
 - **Conversion Options > Intent**: Relative Colorimetric (or Absolute Colorimetric if you want to simulate the white of the final paper).

Settings:	Custom	Load
-	Advanced Mode	
	Spaces	Save
RGB:		
CMYK:		
Color M	anagement Policies	
RGB:	Preserve Embedded Profiles	
CMYK:	Preserve Embedded Profiles	
Mi	Ask When Pasting Sing Profiles: 🗹 Ask When Opening	
Convers	ion Options	
Engine:	Adobe (ACE)	
Intent:	Absolute Colorimetric 🗘	
Use B	lack Point Compensation	
escriptio	n:	
Position	the pointer over a heading to view a description.	

• Select **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 **Leave the document as is**. Otherwise, select **Adjust the document to match current color settings**, if the displayed image does not look correct, try assigning it to other color spaces with **Edit menu > Assign Profiles...** until you are satisfied.

	ngs in this document are different cation color settings.	than your
How do you want	to proceed?	
💽 Leave the docu	ment as is:	
Policy:	Preserve	
Profile:	sRGB IEC61966-2.1	
Adjust the docu	ument to match current color setti	ngs:
Policy:	Preserve	
Assign Profile:	sRGB IEC61966-2.1	\$
	Keep Existing Assignments	-

- Select OK.
- 5. Place the images if needed, File menu > Place..., browse the image and click Open....
- 6. So that you get a good display select a High Quality Display, **View menu > Display** performance > High Quality Display.
- Make sure you have configured the Document Setup appropriately for your document, File menu > Document Setup....

- 8. Configure the **Proof Setup** dialog box in order to simulate what your final output on a printing press will look like, **View menu > Proof Setup > Custom...**:
 - **Device to Simulate**: Select the profile of the output device you want to proof. If you don't have it on the list, you should copy it in the next folder: /Library/ColorSync/Profiles.
 - Check **Preserve CMYK/RGB Numbers** checkbox. This option determines how InDesign handles colors that do not have a color profile associated with them.
 - Check **Simulate Paper Color**. This setting only affects the display, check it if you want to emulate the white of the paper and its influence on the rest of the color.

	Customize Proof Condition	
Device to Simulate:	CC PressMatch v1.icc	СК
	Preserve CMYK Numbers	Cancel
Display Options (C	n-Screen)	
Simulate Paper	Color	
Simulate Black I	nk	
Description		
Position the pointer over a	heading to view a description.	

• Select OK.

9. File menu > Print...:

- **Printer**: Select the printer (ex. HP Designjet Z3100ps 44in Photo).
- Page Setup.... button:
 - Format for: Select the printer.
 - **Paper Size**: Select the paper size of the media loaded on the printer.
 - **Orientation**: Select the orientation of your image on the paper.
 - o Select **OK**.
- Printer... button:
 - Select **Image Quality** in the drop-dawn menu:
 - **Paper Type**: Select the media type that is loaded on the printer, always calibrated.
 - Quality Options: Standard and drag the slider to Quality.

	Print	
Printer:	HP Designjet Z3100ps 44in I	Ph 🛟
Presets:	Standard	•
	Image Quality	•
P	aper Type: HP Premium Insta	ant-dry Ph 🛟
	y Options: Standard	•
Speed		Quality
Constraints and Device	Status	
	(p)	
? PDF • Pre	view	Cancel Print

- Color Options > Basic tab:
 - Select **Print in Color**.
 - Select Color Management > Application Managed Colors.

Print
Printer: HP Designjet Z3100ps 44in Ph Presets: Standard Color Options
Basic Lightness and Hue Gray Balance
Print In Color Print In Grayscale
Color Management: Application Managed Colors Printer Managed Colors
Default RGB Source Profile: None
Default CMYK Source Profile: None
HP Professional PANTONE Emulation
Constraints and Device Status
? PDF V Preview Cancel Print

• Select **Print**.

- 10. Adobe InDesign **Print...** settings:
 - Setup (left hand menu):
 - Paper Size: Defined By Driver.
 - **Options**: Select the scaling option you need.
 - **Output** (left hand menu):
 - Color: Select Composite RGB.
 - Color Management (left hand menu):
 - o **Print**: Proof.
 - **Options > Color Handling**: Let InDesign Determine Colors.
 - **Options > Printer Profile**: Select the profile of the printer and media type you will use to print. If you are printing on photo gloss paper, select the right color profile with the gloss enhancement feature (GE ON).
 - Check Simulate Paper Color checkbox.

	Print
Print Preset:	[Custom]
Printer:	HP Designjet Z3100ps 44in Ph
PPD:	HP Designjet Z3100ps 24in Ph
General	Color Management
Setup Marks and Bleed Output	- Print
Graphics	 Document (Profile: Adobe RGB (1998)) Proof (Profile: CC PressMatch v1.icc)
Color Management	Proof (Profile: CC PressMatch VI.ICC)
Advanced Summary	Options Color Handling: Let InDesign Determine Co
D	Output Color: Composite RGB
	 Description Position the pointer over a heading to view a description.
Page Setup) Print	ter) Save Preset) Cancel Print

• Select Print.

For more information on HP Designjet products

www.hp.com/go/designjet

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