

Digital Tutorial

Printing with Epson Printers and Photoshop 7 Using Epson's Media Profiles or a Custom Profile

Text Copyright Matt Hagadorn All rights reserved.

Follow these instructions when printing with ICC profiles. These instructions would be appropriate if you have installed the mediaspecific profiles for the Stylus Photo 2200, for example, or you have had a custom profile made for your printer and paper. The example given is for Windows, but Macintosh users should be able to follow along.

- 1. When you are ready to print, select File > Print with Preview or Ctrl-P
- 2. At the bottom of the Print dialog, click the Show More Options checkbox
- 3. Select Color Management from the drop-down box
- 4. Source Space should be set to Document and will show your image's color space
- 5. Under Print Space, select your paper profile from the Profile drop-down box
- 6. Set Intent to Relative Colorimetric (try this first, and if you don't like the results try Perceptual)
- 7. Check Use Blackpoint Compensation

Show More Options			
Color Management			
Source Space:			
Document:	⊙ <u>D</u> ocument: Adobe RGB (1998)		
Proof: OProof Setup: U.S. Web Coated (SWOP) v2			
Print Space:			
P <u>r</u> ofile:	SP2200 Enhanced Matte_MK		
Intent:	Relative Colorimetric V		
2			
	✓ Use Black Point Compensation		

- 8. Click Print
- 9. Select your printer from the drop-down box and click Properties
- 10. On the Main tab of the Epson Stylus properties dialog, select the Media Type that matches your profile (if using a custom profile select the media type you used when printing the profile target)
- 11. Under Mode, select Custom and then click Advanced...
- 12. Set Print Quality to 1440dpi
- 13. Under Color Management, select No Color Adjustment
- 14. Click OK in each dialog to return to the previous, then click OK to print

Advanced	
 Media <u>I</u>ype Enhanced Matte Paper Ink Color Black Print Quality Photo - 1440dpi MicroWeave MicroWeave High Speed Flip Horizontal Flip Horizontal Encest Detail 	Color Management Color Controls PhotoEnhance <u>4</u> No Color Adjustment sRGB ICM
Ink Config <u>S</u> ave Settings	OK Cancel Help

Using the Epson Standard Profile

Follow these instructions when printing without individual ICC profiles. These instructions are appropriate for most Epson printers such as the 820, 890, 1270 and 1280/90 which do not come with individual paper profiles (at least, not on Windows).

- 1. When you are ready to print, select File > Print with Preview or Ctrl-P
- 2. At the bottom of the Print dialog, click the Show More Options checkbox
- 3. Select Color Management from the drop-down box
- 4. Source Space should be set to Document and will show your image's color space
- 5. Under Print Space, select Printer Color Management

Show More Options					
Color Management 🖌					
Source Space:					
Document:	Document: O Document: Adobe RGB (1998)				
Proof: OProof Setup: U.S. Web Coated (SWOP) v2					
- Print Space	e:				
Profile:	Printer Color Management				
Intent:	Relative Colorimetric				
	Use Black Point Compensation				

- 6. Click Print
- 7. Select your printer from the drop-down box and click Properties
- 8. On the Main tab of the Epson Stylus properties dialog, select the Media Type that matches the paper you are using
- 9. Under Mode, select Custom and then click Advanced...
- 10. Set Print Quality to 1440dpi
- 11. Under Color Management select ICM (Mac users select ColorSync)
- $12. \ \mbox{Click OK}$ in each dialog to return to the previous, then click OK to print

C Color Controls
C PhotoEnhance <u>4</u>
C No Color Adjustment
⊂ s <u>R</u> GB
● [CM

If your prints appear to have a color cast using this method you can try adjusting the printer's color output. Instead of ICM or ColorSync in step 11 above, select Color Controls and then under Mode select Photo-realistic and adjust the color sliders.

Advanced	
Media Type Enhanced Matte Paper	Color Management
Ink © <u>C</u> olor © Blac <u>k</u>	 PhotoEnhance<u>4</u> No Color Adjustment s<u>R</u>GB
Print Quality Photo - 1440dpi	C ICM
≪ ⊠ MicroWea <u>v</u> e	Mode Photo-realistic Brightness +0
🛫 🔽 High Speed	Contr <u>a</u> st +0 ++++++++++++++++++++++++++++++++++
😼 🗂 Flip Horizontal	Saturation +0
🕅 🗖 Einest Detail	• Cyan +5
₽ Z Edge Smoothing	<u>Magenta</u> <u>4</u> <u>-</u>
Ink Config Save Settings	OK Cancel Help

MH-NPN 112

Comments on this tutorial? Send them to the editor.

Return to Digital Resources Index.

Site Map • NPN Membership • Front Page • Reader's Forum • Links • Gift Shoppe • Online Portfolios

Copyright 2000 - 2003, Nature Photographers Online Magazine, Inc. All rights reserved.