



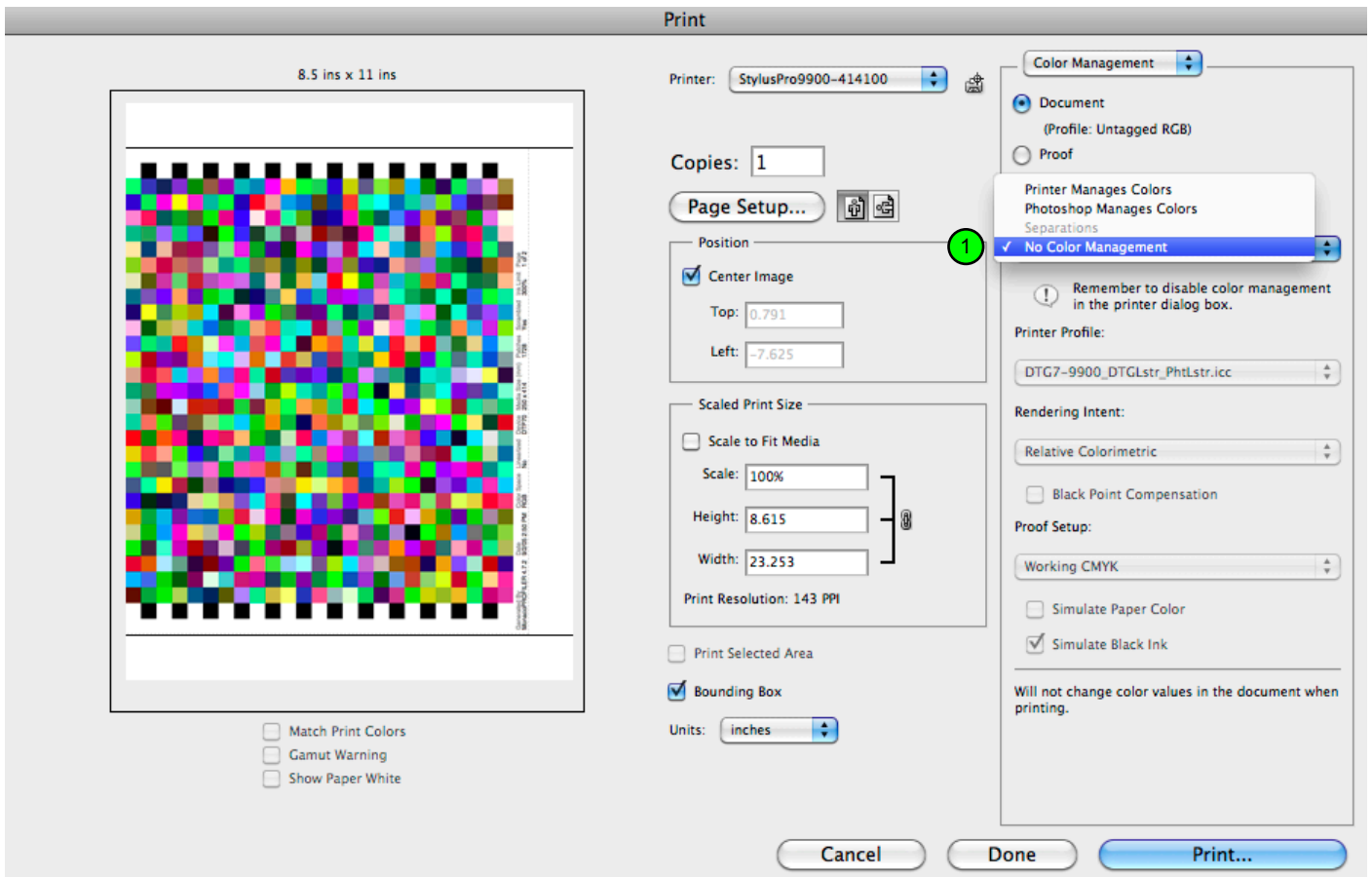
Printing ICC Targets (to build ICC profile) in Adobe Photoshop CS5 Page: 1

The following instructions will guide you through the process of printing ICC targets (or any file) with color management disabled in Photoshop CS5. Adobe Photoshop's initial release of CS5 omits the ability to choose "No color management" in the print dialog box. This makes it more difficult and more complicated to print anything with color management disabled.

The following instructions describe a workaround until Adobe fixes the issue (hopefully soon!). Before we begin the instructions, the next 2 graphics illustrate the problem.

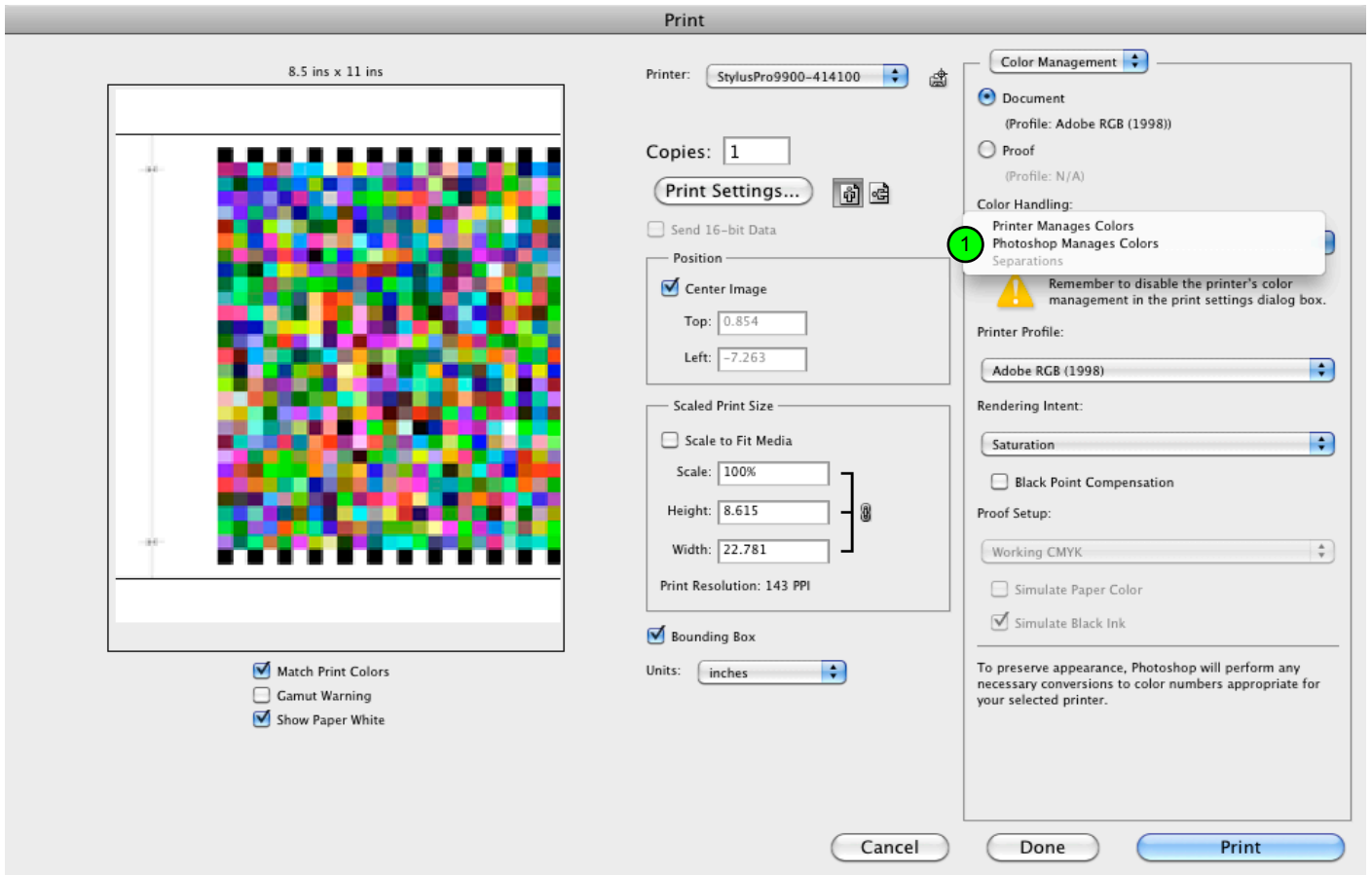
The graphic below shows the Print dialog box from "Pre-CS5" versions of Adobe Photoshop.

1. Adobe allows us to print targets (or any other image should we choose) without color management applied. Notice the words "No Color Management"!



The graphic below shows the Print dialog box from Adobe Photoshop CS5.

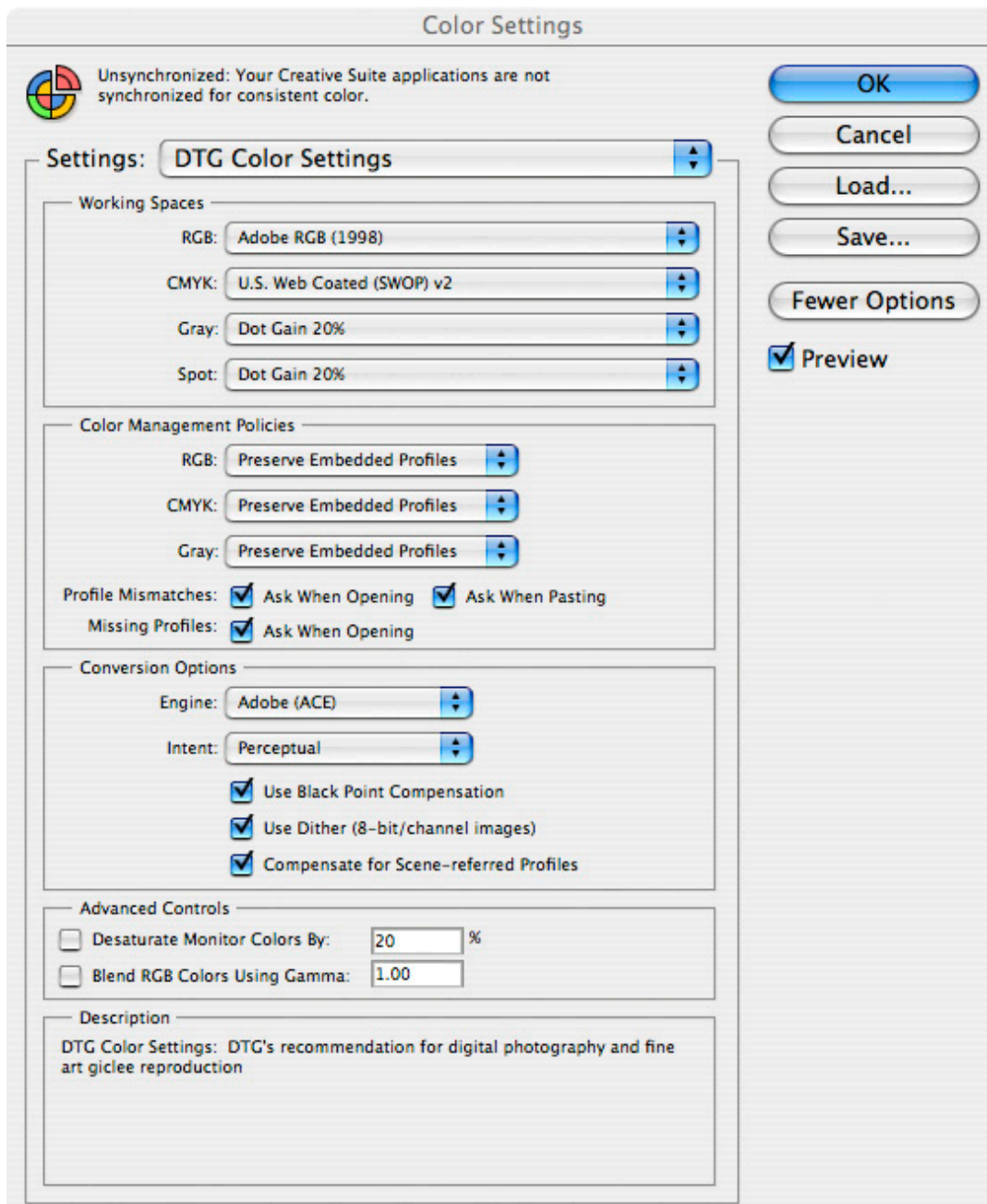
1. See here that Adobe does NOT allow us to choose “No Color Management”. This is what causes the ICC targets to print incorrectly should you print them without using the following process.



Continue on to the following pages to learn how to work around this limitation in the print dialog box and print targets or files without color management.

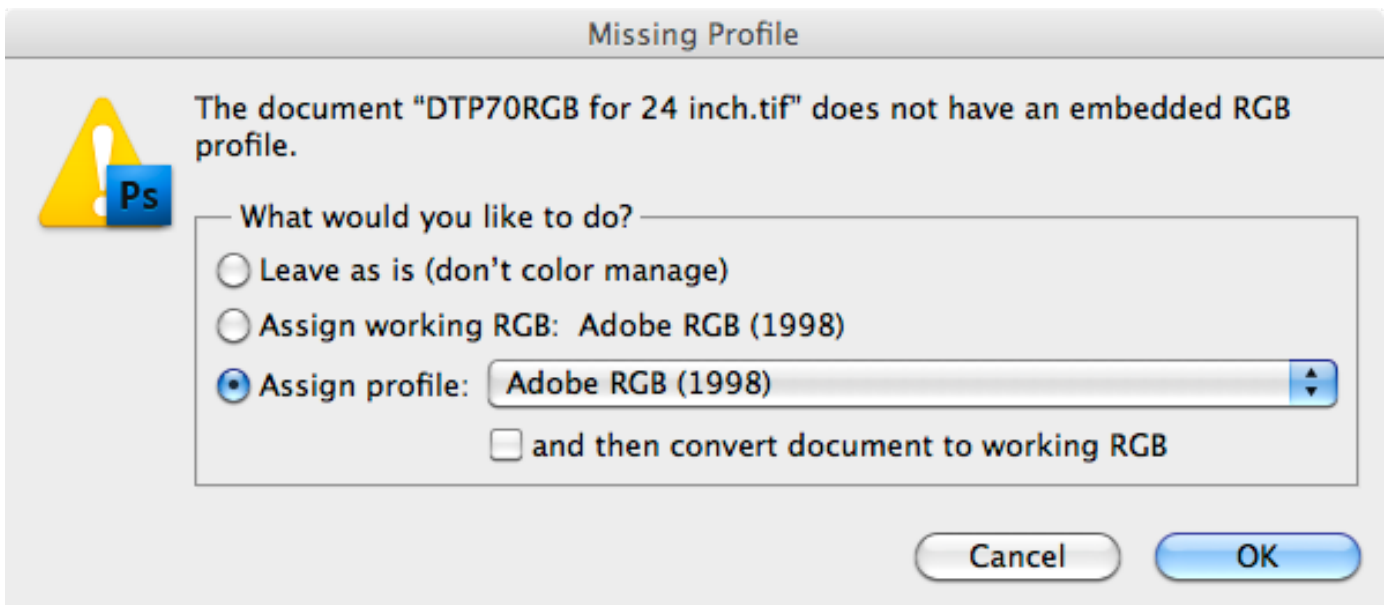


First in Photoshop, make sure your Color Settings look like this. You can access this screen from the Edit menu, then choose "color settings". If you are using a different RGB working space other than Adobe RGB (1998), then replace that with your preferred color space.



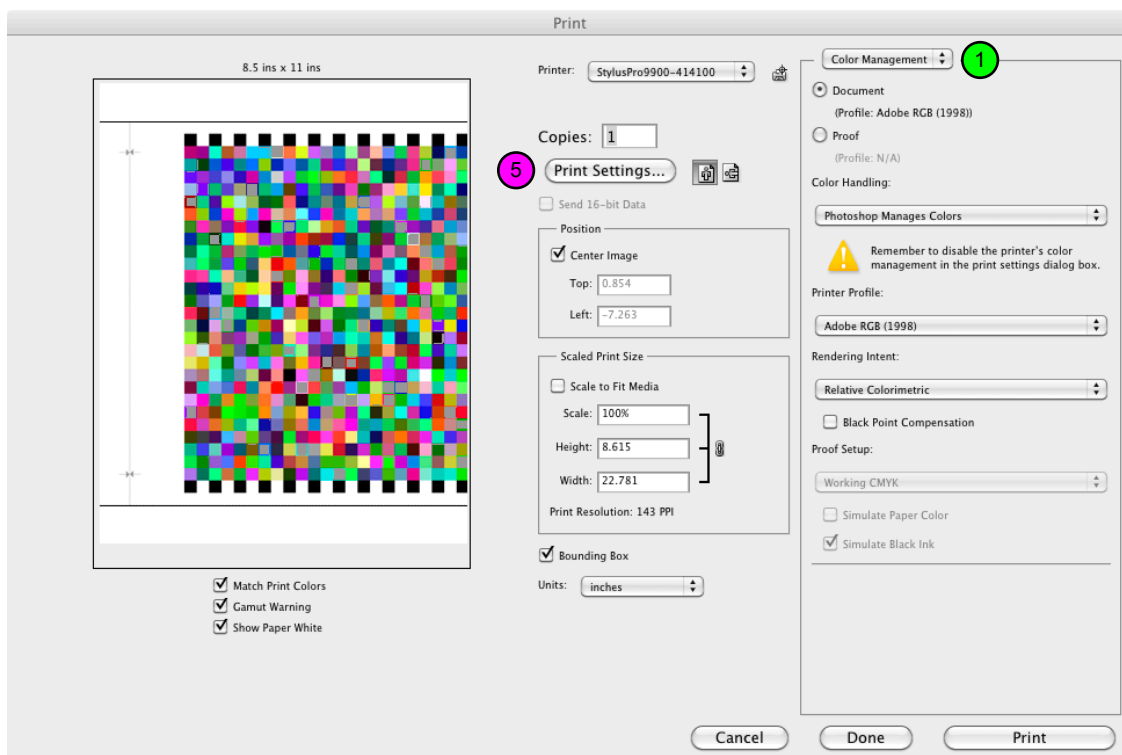


Open your ICC target file that you want to print without color management. The below dialog box will open warning you that the file does not have an embedded profile. Choose the option "Assign profile:", and make sure that the profile matches your working RGB setting from the Color Settings screen. In this case, its Adobe RGB (1998). Do NOT select "and then convert document to working RGB".



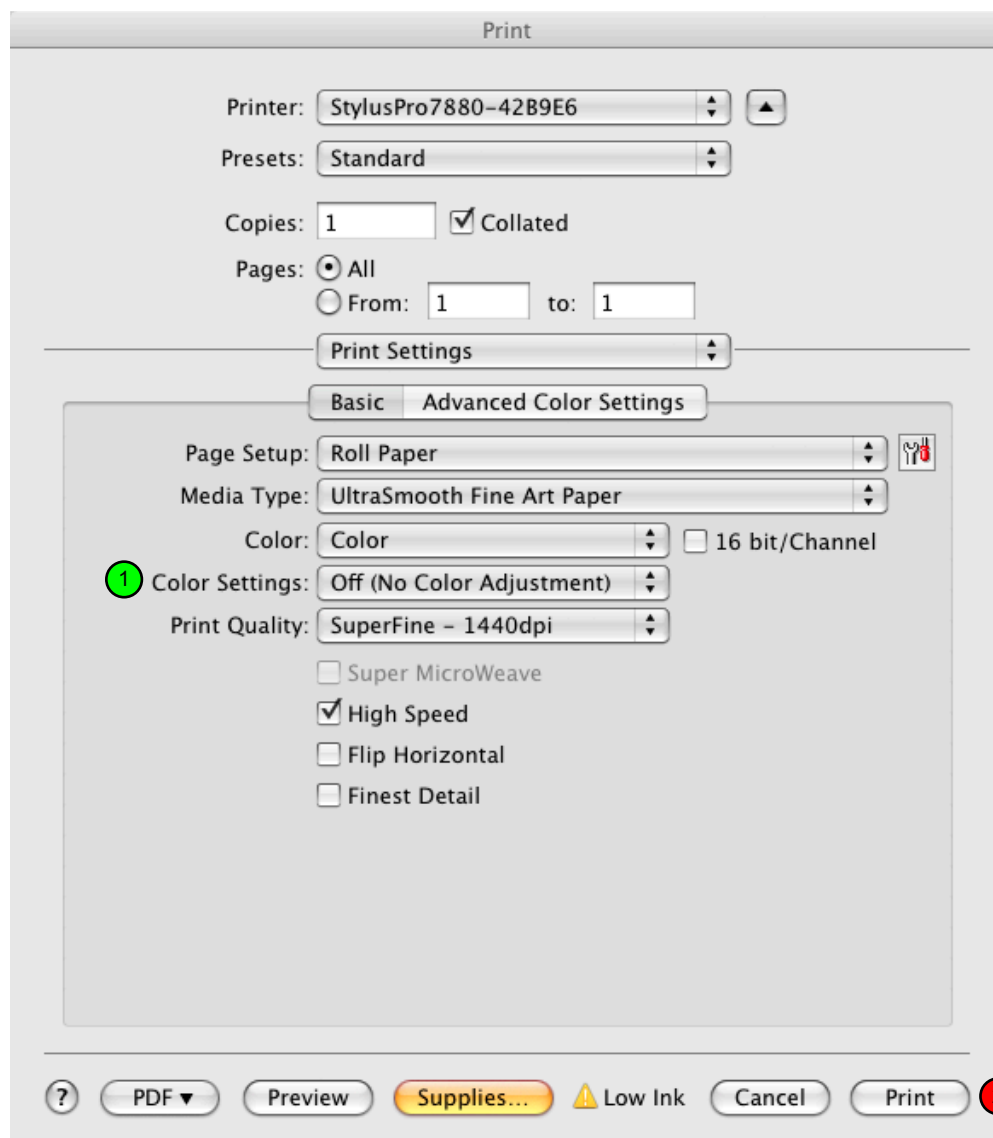
Once you've assigned your target file to your working color space, go to the file menu and select print.

1. Make sure you select "Color Management" from the drop list in the upper right. The choices are Output and Color Management.
2. Choose "Photoshop Manages Colors" from the drop list under Color Handling.
3. Choose the working RGB profile space that you assigned to the file, in our case, Adobe RGB (1998). Again, make sure the Document profile matches the Printer profile. This creates what is called a "null transform".
4. Choose the Relative Colorimetric Rendering Intent. Make sure that "Black Point Compensation" is unchecked.
5. Click Print Settings and continue onto the next page.



Access your printer's software print settings and make sure you print the file without color management. Do this by clicking "Print Settings" in the main Print dialog.

1. Select "Off - no color adjustment" or the option specific to your printer that turns off color management.
2. Print your targets.





We hope that this has been a helpful guide to you in your efforts in producing accurate target files to produce ICC profiles. If you have any further questions please do not hesitate to contact DTG at 800.681.0024. You can also visit our support page on our web site at <http://www.dtgweb.com/support>