

Printing with optimized color reproduction

PosterJet® 7

Printing with optimized color reproduction

This document describes a workflow that assures, by regarding all instructions and advices, an accurate color reproduction on your prints. Please note that a missing or wrong input profile may result in wrong colors on your prints.

Important

Please make sure to fulfill all requirements of the following checklist before you start working. You will find the involved support documents as PDF files on the [PosterJet website support area](#)

Checklist

Please make sure to ensure the following requirements:

- 1. PosterJet is properly installed
See also:
 - PosterJet help system
 - Support document **013E_program_installation**
 - Support document **007E_dongle_upgrade_and_dongle_update**
- 2. All available updates, patches and service packs for PosterJet are installed
See also:
 - PosterJet help system
 - Support document **012E_Using_the_Media_Update**
- 3. The latest PosterJet media profiles for the media you want to print on are installed
See also:
 - PosterJet help system
 - Support document **012E_Using_the_Media_Updated**
- 4. The communication with the printer works hassle-free (ink levels etc. are displayed in PosterJet)
See also:
 - PosterJet help system
 - Support document **010E_firewall_configuration**

- Support document **023E_setting_up_PosterJet_in_networks_with_proxy**
- Support document **004E_program_preferences**
- Support document **025E_configuring_remote_access_to_a_PosterJet_server**
- Support document **001E_administrator_priviledges**
- 5. The latest Firmware and the required media profiles are installed on your printer
See also:
 - Printer specific help of the PosterJet help system
 - Hewlett Packard settings or ICC-profiles can be downloaded under the following link:
[HP Designjet Large format printing](#)
 - Special settings for the HP Designjet 5500 are located at the following link:
[HP Designjet 5500 Registration](#)
 - BTo update the media settings of your Canon large-format-printer, you have to perform a firmware-upgrade. Please visit the [Canon support-website for Large-Format-Printing-Solutions](#)
- 6. The proper media profile is set in PosterJet media settings and on the printers frontpanel (to ensure the correct output= media profile will be used)
See also:
 - PosterJet help system
 - Printer specific help of the PosterJet help system
 - Support document **004E_program_preferences**
- 7. (Optional) PPDs to print from application are installed properly
See also:
 - PosterJet help system
 - Support document **018E_installing_PPDs**
 - Support document **022E_setting_up_and_using_PPDs**
 - Support document **020E_PPD_from_OSX_to_Windows_PosterJet_server**

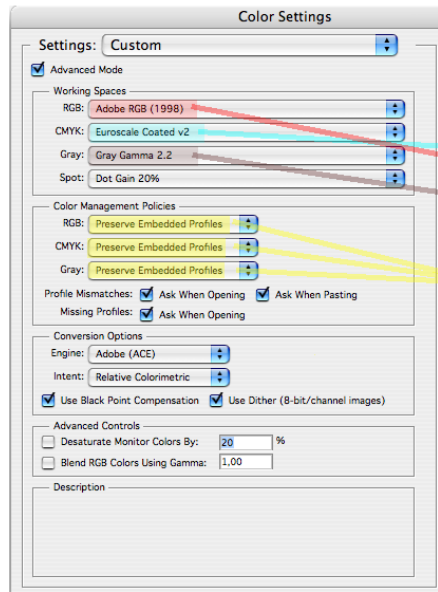
Workflow for optimized color reproduction during printing

To ensure a correct and reliable color output on your prints, some requirements must be fulfilled. The most important item is the proper use of color profiles, especially the input profile needs attention.

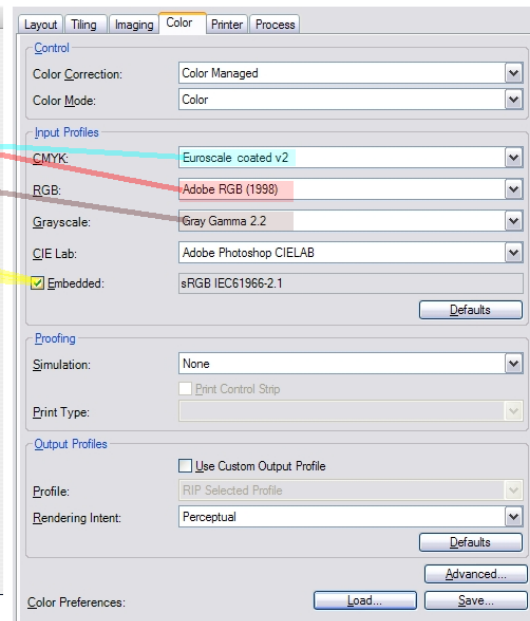
Settings in Adobe Photoshop

The settings you performed in Adobe Photoshop have to be done in PosterJet too. Below you see a comparsion of the corresponding settings in Adobe Photoshop and PosterJet.

Adobe Photoshop



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Settings in other applications

The settings you performed in other applications have to be done in PosterJet too. Please read the manual of the respective application on this subject.

To store the desired PosterJet color settings create a color template with the template manager. Select this color template as color default in the PosterJet program preferences. The procedure is described in the support document **028E_creating_and_using_color_defaults**.

Important hints

- Always use embedded profiles as input profile. To ensure this the option "Embedded" from the section "Input profiles" on the tab "Color" of the PosterJet job submission must be enabled. PosterJet then recognizes the embedded profile and uses it.



- If the image file does not contain an embedded profile, select first a PosterJet standard input profile (in this example the PosterJet Standard sRGB Profile). If you

are not satisfied with the printed result, you must select other input profiles and perform test prints to develop proper results.

Input Profiles

CMYK: Euroscale Uncoated v2

RGB: Adobe RGB (1998)

Grayscale: Gray Gamma 2.2

CIE Lab: Adobe Photoshop CIELAB

Embedded: None

Defaults