Adobe

Adobe ICC Profiles

Build quality color workflows with Adobe ICC profiles.

Adobe wants to enable consistent, high quality color workflows. For color workflows to succeed, color information must be shared by many people, from original creator to final publisher. For this reason we are supplying our ICC profiles as a free download for graphics professionals to use across their workflows.

Enclosed in our compressed archive are:

3 RGB profiles

Adobe RGB (1998)
Apple RGB
ColorMatch RGB

12 CMYK profiles

US Web Coated (SWOP) v2
US Web Uncoated v2
US Sheetfed Coated v2
US Sheetfed Uncoated v2
Coated FOGRA27 (ISO 12647-2:2004)
Web Coated FOGRA28 (ISO 12647-2:2004)
Uncoated FOGRA29 (ISO 12647-2:2004)
Coated FOGRA39 (ISO 12647-2:2004)
Japan Web Coated (Ad)
Japan Color 2001 Coated
Japan Color 2001 Uncoated
Japan Color 2002 Newspaper

NOTE: Users who have already installed recent Adobe applications; Creative Suite® 3, Illustrator® CS3, InDesign® CS3, or Photoshop® CS3 do not need to install these profiles. These profiles are already included and installed when you install and update the above applications.

For more information on ICC profiles, visit the ICC (International Color Consortium) web site, http://www.color.org/ .

For more information on ICC Color Management, see information on the Adobe web site, http://www.adobe.com/ .

Profile Installation

To install the Adobe ICC Profiles on Mac OS X:
You should install profiles in one of two locations.

Copy all of the ICC profiles to the /Users/<your login user name>/Library/ColorSync/Profiles folder. Profiles installed in this location will be available only to the user who installed the profiles.

or

Copy all of the ICC profile files included in this archive to the /Library/ColorSync/Profiles folder. Installing in this location requires the user to be an administrator of this system. Profiles installed in this location will be available to all users.

To install the Adobe ICC Profiles on Windows 2000/XP:
Select the profiles in the "RGB Profiles" folder. While the profiles are selected, click and hold the right mouse button and choose the "Install Profile" menu item. Use this same procedure for the profiles in the "CMYK Profiles" folder. If the "Uninstall Profile" menu item appears you already have an Adobe ICC profile of the same name installed.

To install the Adobe ICC Profiles on Vista:
Select the profiles in the "RGB Profiles" folder. While the profiles are selected, click and hold the right mouse button and choose the "Install Profile" menu item. Use this same procedure for the profiles in the "CMYK Profiles" folder.

You may need to relaunch certain applications in order to access these profiles.

Reference information for Adobe ICC color profiles

NOTE: Gray balance and black start values are relative to paper white.

U.S. Web Coated (SWOP) v2
Characterization used: CGATS TR 001
URL for characterization: http://www.color.org/drsection1.html
Black start: L*= 66, C = 40%
Max. K: 90%
Max. total ink: 300%
Paper White: L = 88.73, **a** = -0.27, **b** = 3.66
Gray Balance at 25%: C=25, M=20, Y=20
Gray Balance at 50%: C=50, M=41, Y=41
Gray Balance at 75%: C=75, M=68, Y=67

For additional information on the output conditions used to produce the CGATS TR 001 characterization, see http://www.npes.org/ or http://www.printtools.org/

U.S. Web Uncoated v2
Characterization used: GRACoL test sheet
URL for characterization: none
Black start: L* = 67, C = 38%
Max. K: 95%
Max. total Ink: 260%
Paper White: L = 91.25, **a** = 0.48, **b** = -2.3
Gray Balance at 25%: C = 25, **M** = 18, **Y** = 17
Gray Balance at 50%: C = 50, **M** = 39, **Y** = 38
Gray Balance at 75%: C = 75, **M** = 62, **Y** = 63

U.S. Sheetfed Coated v2
Characterization used: 3M/Imation Matchprint using commercial substrate
URL for characterization: none
Black start: L* = 65, C = 35%
Max. K: 85%
Max. total Ink: 350%
Paper White: L = 97.19, **a** = -0.61, **b** = 1.81
Gray Balance at 25%: C = 25, **M** = 19, **Y** = 19
Gray Balance at 50%: C = 50, **M** = 39, **Y** = 39
Gray Balance at 75%: C = 75, **M** = 63, **Y** = 62

U.S. Sheetfed Uncoated v2
Characterization used: GRACoL test sheet
URL for characterization: none
Black start: L* = 67, C = 38%
Max. K: 95%
Max. total Ink: 260%
Paper White: L = 91.25, **a** = 0.48, **b** = -2.3
Gray Balance at 25%: C = 25, **M** = 18, **Y** = 17
Gray Balance at 50%: C = 50, **M** = 39, **Y** = 39
Gray Balance at 75%: C = 75, **M** = 62, **Y** = 63

For additional information on GRACoL-recommended print output parameters, see http://www.gracol.com/

Coated FOGRA27 (ISO 12647-2:2004)

Characterization used: FOGRA27
URL for characterization: http://www.color.org/drsection1.html
K generation: light GCR
Black start: L* = 65, C = 45%
Max. K: 100%
Max. total Ink: 350%
Paper White: L = 95.97, **a** = 0.50, **b** = -3.30
Gray Balance at 25%: C = 25, **M** = 19, **Y** = 18
Gray Balance at 50%: C = 50, **M** = 40, **Y** = 37
Gray Balance at 75%: C = 75, **M** = 67, **Y** = 61

For additional information on the output conditions used to produce the FOGRA27 characterization, see http://www.fogra.org/

Web Coated FOGRA28 (ISO 12647-2:2004)

Characterization used: FOGRA28
URL for characterization: http://www.color.org/drsection1.html
K generation: light GCR
Black start: L* = 66, C = 41%
Max. K: 98%
Max. total Ink: 300%
Paper White: L = 92.37, **a** = -0.70, **b** = 1.52
Gray Balance at 25%: C = 25, **M** = 19, **Y** = 19
Gray Balance at 50%: C = 50, **M** = 40, **Y** = 38
Gray Balance at 75%: C = 75, **M** = 66, **Y** = 59

For additional information on the output conditions used to produce the FOGRA28 characterization, see http://www.fogra.org/

Uncoated FOGRA29 (ISO 12647-2:2004)

Characterization used: FOGRA29
URL for characterization: http://www.color.org/drsection1.html
K generation: light GCR
Black start: L* = 66, C = 40%
Max. K: 86%
Max. total Ink: 300%
Paper White: L = 95.71, **a** = 0.61, **b** = -2.32
Gray Balance at 25%: C = 25, **M** = 19, **Y** = 18
Gray Balance at 50%: C = 50, **M** = 41, **Y** = 39
Gray Balance at 75%: C = 75, **M** = 70, **Y** = 65

For additional information on the output conditions used to produce the FOGRA29 characterization, see http://www.fogra.org/

Coated FOGRA39 (ISO 12647-2:2004)

Characterization used: FOGRA39
URL for characterization: http://www.color.org/drsection1.html
K generation: medium GCR
Black start: L* = 86, C = 18%
Max. K: 330%
Max. total Ink: 98%
Paper White: L = 95, **a** = 0, **b** = -2
Gray Balance at 25%: C = 25, **M** = 18, **Y** = 19
Gray Balance at 50%: C = 50, **M** = 40, **Y** = 40
Gray Balance at 75%: C = 75, **M** = 65, **Y** = 64

For additional information on the output conditions used to produce the FOGRA39 characterization, see http://www.fogra.org/

Japan Color 2001 Coated

Characterization used: JC200103
URL for characterization: http://www.color.org/drsection1.html
Black start: L* = 49, C = 62%
Max. K: 80%
Max. total Ink: 350%
Paper White: L = 91.05, **a** = 0.28, **b** = -1.46
Gray Balance at 25%: C = 25, **M** = 19, **Y** = 18
Gray Balance at 50%: C = 50, **M** = 41, **Y** = 39
Gray Balance at 75%: C = 75, **M** = 69, **Y** = 65

For additional information on the output conditions used to produce the JC200103 characterization, see http://www.jpma-net.or.jp/

Japan Color 2001 Uncoated

Characterization used: JC200104
URL for characterization: http://www.color.org/drsection1.html
Black start: L* = 59, C = 42%
Max. K: 80%
Max. total Ink: 310%
Paper White: L = 92.32, **a** = 0.13, **b** = -0.32
Gray Balance at 25%: C = 25, **M** = 20, **Y** = 20
Gray Balance at 50%: C = 50, **M** = 40, **Y** = 45
Gray Balance at 75%: C = 75, **M** = 72, **Y** = 86

For additional information on the output conditions used to produce the JC200104 characterization, see http://www.jpma-net.or.jp/

Japan Web Coated (Ad)

Characterization used: JMPA provided print condition for DDCP (digital proof)
URL for characterization: http://www.j-magazine.or.jp/

For information on the output conditions used to produce the print characterization, see http://www.j-magazine.or.jp/

Japan Color 2002 Newspaper

Characterization used: JCN2002
URL for characterization: http://www.color.org/drsection1.html
Black start: L* = 65, C = 39%
Max. K: 95%
Max. total Ink: 240%
Paper White: L = 80.26, **a** = -0.24, **b** = 4.67
Gray Balance at 25%: C = 25, **M** = 20, **Y** = 22
Gray Balance at 50%: C = 50, **M** = 42, **Y** = 44
Gray Balance at 75%: C = 75, **M** = 73, **Y** = 72

For additional information on the output conditions used to produce the JCN2002 characterization, see http://www.jpma-net.or.jp/