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## 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

### 10 CMYK profiles

US Web Coated (SWOP) v2  
US Web Uncoated v2  
US Sheetfed Coated v2  
US Sheetfed Uncoated v2  
Europe ISO Coated FOGRA27  
Euroscale Uncoated v2  
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; Acrobat® 7, Illustrator® CS2, InDesign® CS2, or Photoshop® CS2 do not need to install these profiles. These profiles are already included and installed when you install 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.

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

## Reference information for Adobe ICC color profiles

### 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/>*

## Europe ISO Coated FOGRA 27

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:  $L = 95.97$ ,  $a = 0.48$ ,  $b = -3.28$

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/>*

## Euroscale Uncoated v2

Characterization used: FOGRA4

URL for characterization: <http://www.color.org/drsection1.html>

Black start:  $L^* = 70$ ,  $C = 37\%$

Max. K: 95%

Max. total Ink: 260%

Paper White:  $L = 93.75$ ,  $a = 1.8$ ,  $b = -6.43$

Gray Balance at 25%:  $C = 25$ ,  $M = 20$ ,  $Y = 19$

Gray Balance at 50%:  $C = 50$ ,  $M = 38$ ,  $Y = 38$

Gray Balance at 75%:  $C = 75$ ,  $M = 58$ ,  $Y = 58$

*For additional information on the output conditions used to produce the FOGRA4 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/>*