Screen-to-Print Color Matching Guide

Let's begin!

ColorMatchingSensor

Further increase your matching precision

ColorNavigator 6 is EIZO's own color management software for producing predictable color results. It allows you to carry out calibration with your ColorEdge monitor’s built-in sensor or the optional EX3 external sensor and manage advanced user-desired target values for further improving color matching.

Easy Screen-to-Print Color Matching Tool

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153 Shimokashiwano
Hakusan, Ishikawa 924-8566 Japan
Phone +81-76-277-6792 Fax +81-76-277-6793
www.eizoglobal.com
There are many ways to work with and enjoy printed photos.

Entering your work in photo competitions

Creating postcards using your favorite shots

Making a photo album to share with family and friends

But without a monitor suited for color matching photos...

The colors you carefully retouched will print out looking different than intended.

This results in a lot of wasted time doing multiple prints trying to get the correct color.

Having an easy and reliable color matching system makes printing photos more enjoyable!

Photo shown on the monitor = Photo printed out on an inkjet printer

- Reduce the time and cost of making multiple prints
- Retouch your photos with confidence

This guide explains how you can achieve easy color matching for accurate prints with no hassle!
Steps to Achieve Color Matching

It is not only important to adjust the monitor, but also to select the correct settings for your retouching software and printer. With even one misstep, your photos may not print with the correct colors.

Introducing a unique software solution that automatically configures the monitor, retouching software, and printer settings for you.

We can consolidate these steps!
Quick Color Match is EIZO’s own software solution that greatly simplifies the color matching process for photo enthusiasts and professionals alike. It was developed under a first-ever collaboration between EIZO and Adobe, Canon, and Epson. Quick Color Match automatically adjusts to the ideal monitor, retouching software, and printer settings so you can focus on editing your photos and print your work quickly and hassle-free.

- Monitor Settings
- Retouching Software Settings
- Printer Settings

Now you can easily match your prints to your screen!
Preparation for Color Matching

A suitable monitor is needed when matching the color of your prints to the screen.

Color Management Monitor

Did you know?
8 Did you know?
9

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Color Management Monitor

Did you know?
8

Recommended Model!

Monitors Supported by Quick Color Match

Choosing the Right Monitor

1 Displays the Correct Color Space
It is important to select a monitor that correctly displays Adobe® RGB and sRGB to reproduce colors faithfully.

2 Displays Gradations Smoothly
In order to display solid colors and depth perception with high accuracy, a monitor that displays smooth gradations without banding is needed.

3 Displays Uniform Brightness and Color
A monitor that has been adjusted in advance to correct uniformity errors is most appropriate to ensure brightness and color are even across the screen. It is also important that it counterbalances changing color temperature and brightness due to the passage of time.

Did you know? Before installing!

Confirm that your ColorEdge monitor is correctly connected to your PC.

Ample Screen Size for Creative Work
The CS2420 can display two A4 pages plus tool palettes on its 24.1-inch screen. The CS2730 gives you even more room to work with its spacious 27-inch screen.

Monitor Features

- 99% Adobe® RGB Coverage
- Images shot in Adobe RGB or sRGB will be displayed correctly.
- Smooth Gradations
- Uniform Brightness and Color

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Preparation for Color Matching

PC Requirements

- Windows 10 / 8.1 / 7
- Mac OS X Mavericks (10.9) or later

Printer

Canon

Epson

Printer Paper

For Canon Printers
- Photo Paper Platinum
- Photo Paper Plus Glossy
- Photo Paper Pro Luster
- Photo Paper Pro Premium Matte
- Photo Paper Plus Semi-Gloss
- Matte Photo Paper

For Epson
- Epson Ultra Glossy
- Velvet Fine Art Paper
- Ultra Smooth Fine Art Paper
- Premium Glossy
- Premium Semigloss
- Premium Luster
- Archival Matte
- Matte

Retouching Software

Adobe Photoshop
CC / CS6

Other Supported Retouching Software
- Adobe Photoshop Lightroom
- Adobe Photoshop Elements
- Canon Digital Photo Professional

Did you know?

Why a printer that supports color management is important

- It can faithfully print Adobe® RGB or sRGB images.

Adobe RGB is a wide color space that captures more vivid colors in images. If you use a conventional printer with a narrow color space, some of the brilliant blues and greens in your photos will be lost in the printing process. By using a high-quality printer, color reproduction is greatly improved so you can achieve prints that match your screen.

- Consistent Color After Printing

Using a color printer with quickly drying ink ensures that colors are consistent. This makes it easier to check your work right after printing.
Preparation for Color Matching

In order to check that your photos are printed with the correct colors, you need to view the prints under a light source with a 5,000 K color temperature.

**Lighting**

- Minimize the influence of outside light
- Choose a light with a color temperature of 5,000 K
- Choose neutral colors for walls and floors
- Use a light-shielding monitor hood
- Use an achromatic gray color for your desktop background

### Choosing Appropriate Lighting

The appropriate viewing environment can be achieved by using a color temperature that is close to "sunlight" (5,000 K). This value is based on the human sense of color.

Bulbs that meet the color temperature standard of 5,000 K can be found through general electronic retailers. Below is EIZO's recommendation.

**N-EDL... AAA Day white color rendering (Ra: 90-99)**

*Color rendering index (Ra) refers to a quantitative measure of the ability for a fluorescent light to reproduce the colors we see in natural light.*

_EIZO Monitor Hoods_

### Prevent Glare with a Light-Shielding Hood

When comparing prints to your screen, glare on the monitor due to ambient lighting can cause colors to appear differently.

If you use a light-shielding monitor hood, you can prevent glare and reflections on the screen to carry out color matching more accurately.

_Did you know?_

Printed photos reflect the light around them and travel to the human eye where they are recognized as an image.

Due to this, when viewing objects in outside light during the day and indoor lighting in the evening, the color of the light changes.

Monitors emit light from their backlights so even if the ambient lighting conditions change, the colors you see on the screen will have little variance. This is why comparing your photo prints to the screen under varying ambient lighting conditions may cause the colors to look different.
Software Installation

1 Connecting the Monitor

While referring to your monitor’s setup guide, follow these steps.

1. Connect your ColorEdge monitor to your computer using the signal cable.
2. Connect your ColorEdge monitor and the computer to the power using the power cables.
3. Connect your ColorEdge monitor to the computer using the USB cable.

2 Printer Driver Installation

For Windows
Insert the utility disc that came with your printer or download the appropriate drivers from the manufacturer’s website.

Double click on the DVD drive or installation file you downloaded.

For Mac
Download the appropriate drivers for your printer from the manufacturer’s website.

Double click the installation file you downloaded.

For Canon Printers
When the installation window appears, click Next. Select how you will connect to the printer (Network or USB) and click Next again.

From the list, check IJ Printer Driver and click Next.

Continue to click OK and Next until you reach the end of the installation process.

When the installation is complete, click Exit.

For Epson Printers
When the installation window appears, click Start & Connection.

Check the box to agree to the terms of the license and click Next.

Select First time setup and click Next and OK.

Select how you will connect to the printer (Wifi, Ethernet, or USB) and click Next. When the installation is complete, click Finish.
Software Installation

3 Printer Plugin Installation

For Canon Printers
Canon Print Studio Pro Ver. 2.1.0

Double click the printer plugin installation file to begin.

Proceed with the installation by clicking Next and Yes.

Confirm the installation location and click on Next and Yes.

Click Complete to finish the installation.

For Epson Printers
Epson Print Layout Ver. 1.3.1

Double click the printer plugin installation file to begin.

Proceed with the installation by clicking Next.

Check the box to agree to the terms of the license and click Next.

Click Finish to complete the installation.

4 Quick Color Match Installation Guide

Download Quick Color Match for free by visiting: www.eizoglobal.com/i/download/qcm

For Windows

Double click the Quick Color Match installation file to begin. Click Yes to allow the installation to continue (Windows).

Proceed with the installation by clicking Next.

Check the box to agree to the terms of the license and click Next.

Click Finish to complete the installation.

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Check the box to agree to the terms of the license and click Next.

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Double click the Quick Color Match installation file to begin. Click Yes to allow the installation to continue (Windows).

Proceed with the installation by clicking Next.

Check the box to agree to the terms of the license and click Next.

Click Finish to complete the installation.
Using Quick Color Match

This guide explains how to use Quick Color Match software with Photoshop CC / CS6.

For Windows

1. Double click the Quick Color Match icon on your desktop.

2. The Quick Color Match menu will appear. Confirm that the printer you will use is selected.

3. Select the paper type you will use from the list of media supported by Quick Color Match.

4. Drag and drop the image you want to print onto the Quick Color Match menu. Supported file formats are JPEG, TIFF, and PSD. Be sure to process RAW data files beforehand.

5. Settings in Photoshop will automatically be adjusted to the ideal settings and the color matched image will be displayed on your screen.

6. To print, click on the button with the name of your print plugin software in the lower right corner of the Quick Color Match window.

For Canon Printers

Using Print Studio Pro Plugin

Choose the paper size and layout, then click Print.

Quick Point!

Quick Color Match automatically adjusts the printer to the ideal color settings so you do not need to make any changes. Now you can print your photo without worrying about navigating through several windows of technical settings and options.

For Epson Printers

Using Epson Print Layout Plugin

Choose the paper size and layout, then click Print.

Quick Point!

Quick Color Match automatically adjusts the printer to the ideal color settings so you do not need to make any changes. Now you can print your photo without worrying about navigating through several windows of technical settings and options.

See the Quick Color Match user's manual for using other software applications.

www.eizoglobal.com/i/qcm-manual/
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