Further increase your matching precision

ColorNavigator 7 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.
There are many ways to work with and enjoy printed photos.

- Creating postcards using your favorite shots
- Entering your work in photo competitions
- Making a photo album to share with family and friends

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

Monitor Adjustment → Retouching Software Settings → Printer Settings → Environment Preparation

Going through each setting is a hassle.

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

See next page.
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

Monitors Supported by Quick Color Match

- **Recommended Models:**
- ColorEdge CS2420
- ColorEdge CS2730

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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.
   - **Results vary depending on model and environment.**

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Did you know? 🌟 Before installing!

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

1. **Confirm the available output connections**
   - When using an all-in-one PC, confirm that you have the appropriate outputs and check which cables come with your monitor. If your monitor’s cables do not match your PC’s available outputs, you may need to obtain additional cables.

2. **Check the maximum resolution**
   - Referring to your PC’s user manual, choose a monitor with the appropriate resolution supported by the available outputs.

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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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Types of PC outputs

- DisplayPort
- HDMI
- DVI
- Thunderbolt 3
- Thunderbolt 2
- Mini DisplayPort

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Example of a notebook PC’s output terminals
Preparation for Color Matching

**PC Requirements**

- **Windows** Windows 10 / 8.1 / 7
- **Mac** macOS High Sierra (10.13) / macOS Sierra (10.12) / OS X El Capitan (10.11) / Yosemite (10.10) / Mavericks (10.9)

**Printer**

- **Canon**
  - PIXMA PRO-10S
    - Gallery-quality A3+ photo printer with 10-ink system.
  - PIXMA PRO-1
  - PIXMA PRO-10
  - PIXMA PRO-100
  - PIXMA PRO-100S

- **Epson**
  - SC-P600
    - Professional A3+ printer with Epson UltraChrome HD ink technology for unsurpassed quality.
  - SC-P800
  - SC-P400
  - Stylus Photo R3000
  - Stylus Photo R2000

Printer availability varies by country. See printer manufacturer for details.

**Printer Paper**

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

- **Epson**
  - Velvet Fine Art Paper
  - UltraSmooth Fine Art Paper
  - Premium Glossy
  - Premium Semigloss
  - Premium Lustre
  - Archival Matte
  - Matte

- **ILFORD**
  - Gold Fibre Silk
  - Gold Fibre Gloss
  - Smooth Cotton Rag
  - Textured Cotton Rag
  - Smooth Pearl
  - Smooth Gloss

- **Hahnemühle**
  - FineArt Baryta
  - Photo Rag Baryta
  - Photo Rag
  - Photo Rag Bright White
  - Photo Rag Ultra Smooth
  - German Etching
  - Photo Lustre
  - Photo Matt Fibre

- **SIHL**
  - Metallic Pearl High Gloss Photo Paper 290
  - High Gloss Photo Paper 300
  - Lustre Photo Paper 300
  - Lustre Photo Paper Duo 300
  - Satin Baryta Paper 295
  - Smooth Matt Cotton Paper 320
  - Textured Matt Cotton Paper 320

- **Tecco**
  - PM230 Matt
  - PL285 Luster
  - PPM285 Glossy Ultra White
  - PFP250 Duo FineArt Rag
  - GB300 Galleryboard
  - B7270 Baryt
  - B7M375 Baryt Matt

Papers supported by Quick Color Match vary depending on the printer model.
To see which papers are supported by your printer, visit: [www.epsonglobal.com/qcm-paper/](http://www.epsonglobal.com/qcm-paper/)
See the Quick Color Match user’s manual for how to add additional papers: [www.epsonglobal.com/qcm-manual](http://www.epsonglobal.com/qcm-manual)

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**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
- Use a light-shielding monitor hood
- Choose neutral colors for walls and floors
- 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 ELZO’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.

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.

ELZO Monitor Hoods

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.

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 U 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.

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.

Canon

Epson

For Mac

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

Double click the installation file you downloaded.

Canon

Epson

Follow the instructions on your screen to carry out installation.
Software Installation

3 Print Plugin Installation

For Canon Printers
Canon Print Studio Pro Ver. 2.2.0

Double click the print 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. 1.3.5

Double click the print 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/idownload/qcm

For Windows

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

2 Proceed with the installation by clicking Next.

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

4 Confirm the installation location and click Next. Click Next again in the next window.

5 Proceed with the installation by clicking Next.

6 Finally, click Install.

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

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

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

5. If you need to further edit your photo, continue to retouch in the Photoshop window.

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.

Great

Confirm that your photo matches your screen by viewing it under a 5000 K light source. Now enjoy printing even more photos with confidence.

See the Quick Color Match user’s manual for using other software applications.
www.etzoglobal.com/l/qcm-manual/