



Color Management Handbook

Strategies to master color management
in the digital workflow
Start applying them today

ver.3



Is that really the correct color?

“Is this color good to go?”

— A hesitation we often have before making prints in the digital workflow.



Photographer

Concerned about whether the display on the monitor used to check the image can be trusted.



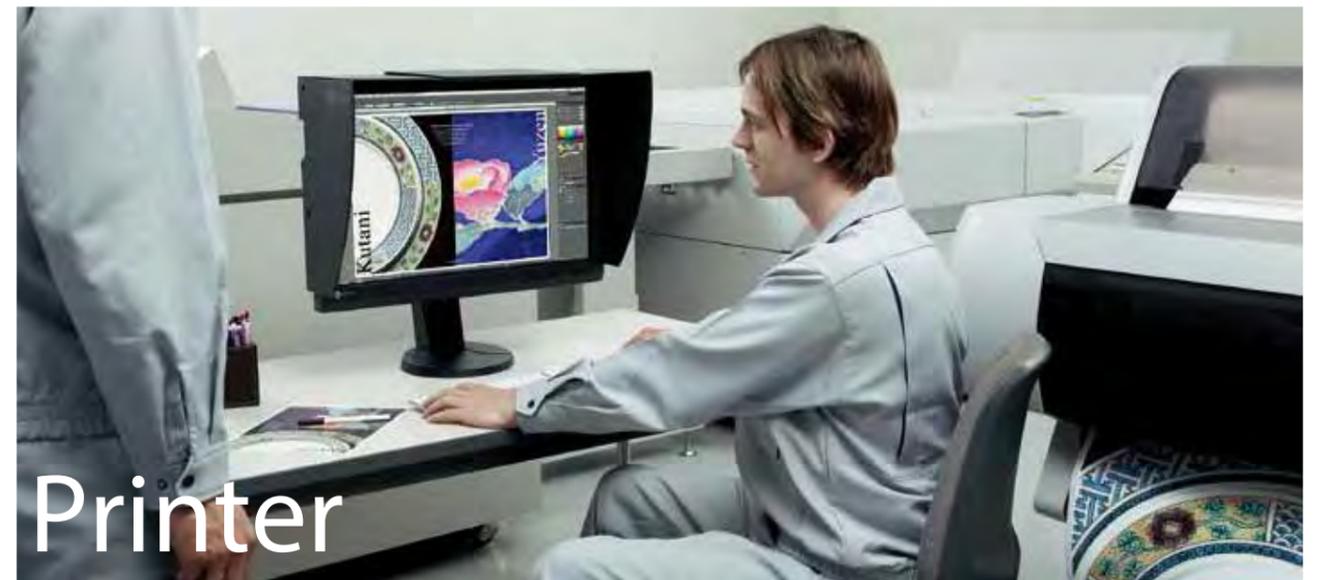
Retoucher

Concerned about whether the photograph is edited the way the photographer intended.



Designer

The color displayed on the monitor doesn't match the printed one.
Not sure about the application settings or how the monitor should be adjusted.
Can't be confident about the colors because the display equipment hasn't been regularly calibrated.



Printer

Even though we have in-house color management, clients point out differences in the images.
The colors in the design comp and the color proof are different.

Summary



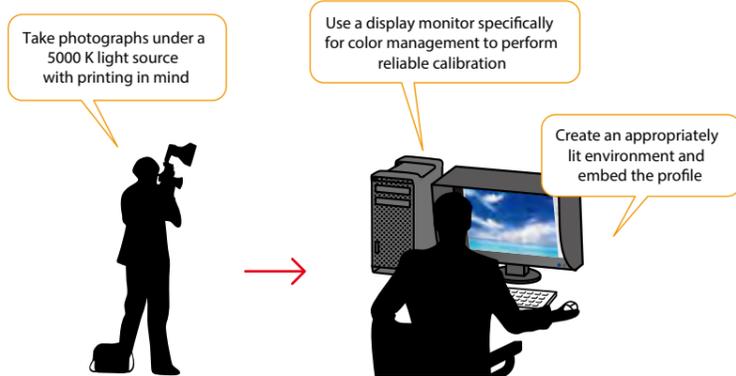
Color Management Setup

The perfect monitor for every workflow

So far we have followed each workflow to a finished final product by covering correct use of data and putting color management into practice. Here we will introduce the best monitors for using color management in the workflow.

Review

Photographer Retoucher



Recommended Monitors

Professional Level
ColorEdge CG Series

Built-in calibration sensor
ColorNavigator calibration software
and monitor hood included



27" CG276 24" CG246

For Professionals Who Need the Best in Color Accuracy
A high-performance calibration sensor is built in so you can calibrate to 5000 K without an external sensor. A monitor hood is also included to shield the screen from the studio's ambient light for more accurate color.

Standard Level
ColorEdge CX Series

Built-in correction sensor
ColorNavigator calibration software optional



27" CX270 24" CX240

Maintain Settings with the Built-In Correction Sensor
The CX series has display capabilities on a par with the CG series and has a wide color gamut that reproduces most of Adobe RGB. With an external sensor, you can calibrate using ColorNavigator software and maintain your settings with the built-in correction sensor for an accurate color display environment.

Highly recommended!

The power to reproduce nearly all Adobe RGB

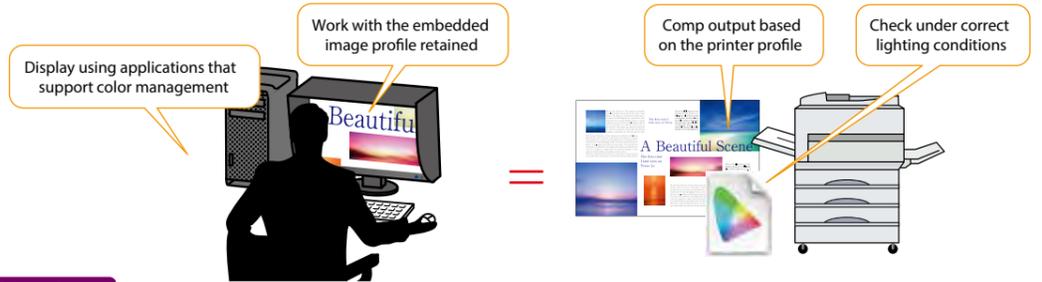
Produces intended colors and texture detail in a rich, smooth display. Increases the quality of materials with the ability to retouch work further.

Stabilized display in only 7 minutes* from startup.

The time it takes for the monitor to stabilize from the moment it is connected to the power is 4 minutes less than other monitors. Increases work efficiency in studios where movement is frequent allowing for quick continuation of image work.

*Varies depending on measurement conditions.

Designer



Recommended Monitors

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ColorNavigator calibration software
and hood optional



27" CX270 24" CX240

Maintain Settings with the Built-In Correction Sensor
The CX series has a wide color gamut that reproduces most of Adobe RGB as well as common print color standards such as U.S. Web Coated. With an external sensor, you can calibrate using ColorNavigator software and maintain your settings with the built-in correction sensor for an accurate color display environment.

Highly recommended!

Automatic color management at regular intervals

The internal correction sensor saves your calibration settings and will automatically readjust your display over time with no additional effort.

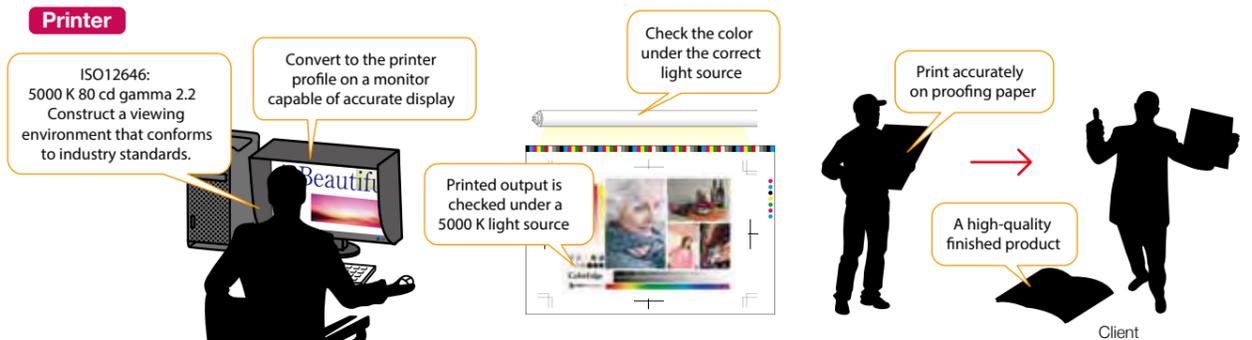
Save multiple adjustment values with ColorNavigator

List and create several project goals such as printed materials, web contents, and comp output. With one button you can easily create materials on a suitable monitor and carry out smooth color communications.

Design freely in a wide workspace

The 24.1" CX240 can display a full A4 size screen and a color palette making DTP work simple. A flexible stand can be adjusted to suit your needs making long work hours easy.

Printer



Recommended Monitors

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ColorEdge CG Series

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and monitor hood included



27" CG276 24" CG246

More Efficient Calibration
The built-in calibration sensor of each CG series monitor is individually adjusted at the factory to ensure no deviance. Compared to conventional monitors, this reduces the time required for maintenance while meeting the need for strict color control.

Standard Level
ColorEdge CX Series

Built-in correction sensor
ColorNavigator calibration software
and hood optional



27" CX270 24" CX240

Maintain Settings with the Built-In Correction Sensor
The CX series has display capabilities on a par with the CG series and has a wide color gamut that reproduces most of Adobe RGB. With an external sensor, you can calibrate using ColorNavigator software and maintain your settings with the built-in correction sensor for an accurate color display environment.

Highly recommended!

Complete matching between prints and a correct color display

Able to reproduce a wide color gamut according to printing industry standards. Each function supports color reproduction to create a display that accurately matches the image.

Stable, uniform display

A circuit corrects unevenness in the screen as well as brightness, chromaticity, and gradation to maintain a high quality display, supporting the delicate nature of image work.

Automatic color adjustment at regular intervals

The internal sensor will automatically readjust the monitor's colors to the correct values even when it is not being used, increasing work efficiency.