

Simple Color Matching



***Definition of equivalent color:**
Mimaki defines equivalent color as the color that shows the average color difference within delta E3 in comparison with a target color. Generally, delta E3 or under is hardly recognized visually color difference.

Depending on image data and the type of ink or media that is used by a target printer, the average color difference would be higher than delta E3 after color matching.

Mimaki Target Color Emulator

[Equivalent color profile creation software] ※

Mimaki Target Color Emulator (MTCE) enables Mimaki printers to reproduce colors equivalent to the ones produced by different printer models or ink types.

Printing color will not be changed after replacing the printer. The same print color can be reproduced for a repeat order. Color matching between multiple printer units enables the user to accept high-volume orders.

Simple color matching without special knowledge

Users can match colors with ease by following the wizard. The same color matching results are obtained regardless of the operator's ability level.

Affordable price

MTCE is specifically designed for its color matching capability and accordingly offers a much more affordable price than a general color management system.

MTCE is a software that creates equivalent color profiles to reproduce equivalent colors printed by target printers.

Any user has a right to be concerned that a new printer will not be able to produce the same colors produced by their old one. Users can match colors with ease by following the wizard.



1. Reproducing colors printed by a target printer with equivalent colors

Regardless of the manufacturers or models of target printers, MTCE enables Mimaki printers to reproduce colors equivalent to the ones produced by target printers.

Repeat order

After replacing the printer, it was difficult to reproduce the same color as that by the previously used printer to satisfy a repeat order.

Urgent order

Color matching is possible between Mimaki printers and other printer brands and models. Moreover, MTCE can synchronize created equivalent colors with multiple printers. Therefore, users can take an urgent high-volume order.

Following conditions are required to enhance color reproducibility.

- 1 Same ink set:
- 2 Same ink color configuration
- 3 Use same media
- 4 Mimaki inks must have a wider color gamut than that of the target printer's inks.
- 5 Applicable ink type: Solvent

※Even if the above conditions are met, depending on data or color, the desired color print results may not be obtained owing to the hue difference of the ink.

2. Simple color matching without special knowledge

A general color management system allows users to specify detailed data. However, high color management skills are required to understand each parameter of the setup. MTCE provides a completely different method; users follow the wizard and take three simple steps, and then the color matching procedures are finished. Only an hour and a half is spent on color matching.

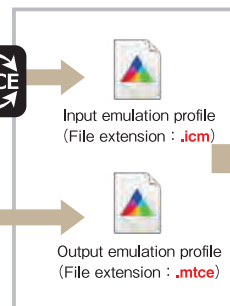
STEP 1 Print color charts with a target printer and Mimaki printer



STEP 2 Measure color blocks with a companion colorimeter



STEP 3 Create emulation profile



Load input/output profiles to RasterLink6 and then print.

3. Affordable price for a color matching system

MTCE is specifically designed for its color matching capability, and accordingly offers a much more affordable price than a general color management system. In addition, a colorimeter, which is a necessary tool, is attached to MTCE. Color matching work can immediately commence after receiving this product.

OS	◎Windows Vista (SP2 or later) 32bit/64bit ◎Windows 8 32 bit/64bit	◎Windows 7 (SP1 or later) 32bit/64bit ◎Windows 8.1 32bit/64bit	◎Windows 10 32bit/64bit
CPU	Intel Core2DUO 1.8GHz or higher	HDD space	30GB or higher
Interface	USB1.1/2.0※	Memory	1GB or higher
RIP software	RasterLink6	Optical drive	DVD-ROM
Compatible ink	Mimaki genuine Solvent inks, sublimation inks, latex inks, and UV-curable inks		
Compatible printer	Mimaki inkjet printer that satisfies the following conditions. Wired networking: USB2.0 or Ethernet Ink type: Solvent ink, sublimation ink, latex ink or UV-curable ink		

※USB 2.0 port: It is used for connecting a printer that uses USB 2.0. USB 2.0/1.1 port: It is used for connecting a dongle and a colorimeter.

●Some of the samples in this catalogue are artificial renderings. ●Specifications, design and dimensions stated in this catalogue may be subject to change without notice (for technical improvements, etc). ●The corporate names and merchandise names written on this catalogue are the trademark or registered trademark of the respective corporations. ●Inkjet printers print using extremely fine dots, so colors may vary slightly after replacement of the printing heads. Also note that if using multiple printer units, colors could vary slightly from one unit to other unit due to slight individual differences.



MIMAKI ENGINEERING CO., LTD.
2182-3 Shigeno-otsu, Tomi-city, Nagano 389-0512, Japan
Tel: +81-268-78-2288

Mimaki Global Network

USA	MIMAKI USA, INC.	Europe	MIMAKI EUROPE B.V.
Brazil	MIMAKI BRASIL COMERCIO E IMPORTACAO LTDA	Indonesia	PT. MIMAKI INDONESIA
India	MIMAKI INDIA PRIVATE LIMITED	Australia	MIMAKI AUSTRALIA PTY. LTD.
Taiwan	MIMAKI ENGINEERING (TAIWAN) CO.,LTD.	China	SHANGHAI MIMAKI TRADING CO.,LTD.
Singapore	MIMAKI SINGAPORE PTE. LTD.		