



## Color Matching and Formulation Software for Textiles

### Excellence in Dye Formulation

**Reduce waste with fewer corrections and better matches.** Color iMatch has industry-leading color formulation technology that will improve textile color matching by ensuring that dye behavior in a formula more precisely reflects the dye behavior under current conditions and processes, and intelligently processes color data to provide optimal initial color matches and reduce wasteful formulation attempts. Color iMatch has the power to help you minimize your environmental impact and cut costs through reduced rework, and ultimately help you win more business with exceptional match performance.

### Exceptional Match Performance

- Increase match rate up to 50% by more accurately identifying likely dye combinations and better utilization of Substrate, Dye, and Process Control Factors to account for current process conditions.
- Accurately identify candidate recipes containing the most likely dye combinations using our proprietary search metrics, resulting in better matches and fewer corrections using known good formulas.
- Protect our environment and save money by cutting correction steps in half with our unique history-based Dynamic Correction Factors that updates dyes and maintains dye behavior, which may change over time due to variations in ambient conditions, procedures, suppliers, or materials.

### Enhanced Legacy Data

- Leverage new matching technology to gain insights from historical data and accelerate the formulation process.
- Improve database performance with the fully-integrated Colorant Editor, which provides specific guidance and guarantees match prediction confidence.
- Easily transition your customer data from legacy systems for use in Color iMatch with support from our dedicated, industry-specific applications team.

### Additional Efficiencies

- Simplify customer specification of Pantone standards by enabling PantoneLIVE, which provides spectral values for Pantone standards.
- Quickly switch between jobs by applying dynamic Formulation Rules that include process, material and customer specifications.
- Visually evaluate achievability using the Gamut Viewer, which offers a unique target overlay to help make educated formulation decisions.
- Improve operator confidence and reduce training time with a modern, user-friendly interface.

***Color iMatch is compatible with most state-of-the-art industry instruments.***

### Training Set yourself up for success!

Our Color iMatch Experts offer onsite instruction, hands-on workshops, and remote training options to help you get started with Color iMatch and integrate it into your formulation workflow. To learn more, visit [xrite.com/learning-color-education/training](http://xrite.com/learning-color-education/training), or ask your regional Sales Rep for more info.

## Learn More about the Color iMatch Family

**Full Suite of Configurations:** Color iMatch is available in a variety of configurations to streamline color communications and enable better utilization of existing people, processes and technologies throughout the supply chain. We work with you to select the configuration that works best for your company and formulation environment.



**Color iMatch Professional:** Ideal for anyone formulating color for textile applications, this premium configuration includes the full gamut of features: quick, accurate color analysis, the ability to optimize every formula for dye characterization, and an integrated quality control module.

**Color iMatch Basic:** Created for companies with minimal quality control needs, this configuration offers the same color matching and database functionality as the Professional version but without integrated quality control.

**Instrumentation:** Ensure your Color iMatch formulation is setup for success and invest in a Ci7800 benchtop spectrophotometer, the ideal color measurement instrument for any formulation environment. Color iMatch is also compatible with DataColor instruments and data formats.

*Management access is available through a unique Management configuration. Server-based access is also available. Ask your sales rep for more details.*

## Specifications

Measurement Conditions	Reflectance, Transmission, Reflectance / Transmission, Over Light / Over Dark, SCI / SCE
Color Differences	FMCII, CIE DL*, Da*, Db*, CIE DL*, DC*, DH*, Hunter DL, Da, Db, All Attributes of CIELab, CIELch or HunterLab, CMC (l:c), CIE2000 (l:c:h), and more. Ask your sales rep for your specific needs.
Color Spaces	CIE L*a*b*, CIE L*C*h*, Hunter Lab, CIE (XYZxy)
Illuminants	D50, D55, D65, D75, F2, F7, F11, C, A, Horizon, TL84, Ultralume 3000, CIE LED, and more. Ask your sales rep for your specific needs.
Observers	2 degree, 10 degree
Standard Indices	Whiteness [ASTM E313, CIE, GANZ, Berger, Stensby, Taube, Tappi], Yellowness [ASTM E313, D1925], Opacity [Contrast Ratio, Tappi], Strength [SWL, Summed, Weighted Sum], Haze, Munsell Notation, Orange Juice, Gloss [ASTM E429, Gloss60], Grey Scale [ISO 105, Staining, Color Change], Metamerism, Color Constancy Index, APHA, Gardner Color Index, ASTM Color Index, Saybolt Color Index, AATCC TM203 Light Blocking Index, DIN55979 Blackness Index, G7 Substrate Compensation
Configuration Options	Basic, Professional, Management, Satellite, Online Editions
Databases	MS Access, MS SQL Server
Experience Level	Beginner to Advanced
Import/Export Format	CxF, JB5, MIF, QTX
Languages Supported	English, French, German, Spanish, Italian, Portuguese, Japanese, Chinese
Supported Devices	Ci7860, Ci7800, Ci7600, Ci7500, Ci64, Ci62, Ci4200, Ci52, VS3200, 964, 962, CE-7000A, Color i5, Color i7, eXact, eXact XP, SP62, SP64 and most other industry instruments

For more information regarding this product, visit [www.xrite.com/color-imatch](http://www.xrite.com/color-imatch)

## Service Support and Warranty

X-Rite's color analysis and measurement solutions are engineered and manufactured to the most rigorous quality standards. These standards are backed by comprehensive global service, superior phone and web support, and preventative maintenance options to optimize your long-term investment. We have developed service support and warranty plans that are unique to your organization's specific products and needs. Learn more by reviewing our service offerings on our website at:

[www.xrite.com/page/service-warranty](http://www.xrite.com/page/service-warranty). Still unsure of what you need? Contact us directly at: [servicesupport@xrite.com](mailto:servicesupport@xrite.com)



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