



Measure, correct and optimize data prior to profiling

ColorAnt is an easy-to-use tool that measures test charts, corrects, and optimizes measurement data. Additional features include editing of primary colors and substrates, tone value corrections, embedding CxF/X-4 data and comprehensive reporting.



Learn more!



Why choose ColorAnt?

- Ensure accurate color measurement across all color spaces
- Detect and correct data errors quickly and efficiently
- Automate repetitive tasks to save time and reduce mistakes
- Optimize color data for consistent print results
- Correct optical brighteners, tone values, and color redundancies effortlessly
- Seamless integration with **CoPrA** and **ZePrA**

The Only Tool of Its Kind

ColorAnt analyzes, cleans, and optimizes measurement data for all color workflows. Ensure accuracy, save time, and prepare flawless charts for profiling with a single powerful tool.



Create custom reports

Generate detailed reports on measurements, corrections, and quality assurance, and share insights with your team or clients.



Data Analysis

Use ColorAnt's 2D, 3D, TVI, Spider Web and Curves to fully verify measurement data.



Multicolor options

Edit or replace multicolor primaries without remeasuring. Adapt ink sets or printing conditions while keeping workflows flexible.



Create custom charts

Design patch sets for flexo, re-profiling, or multicolor workflows. Improve accuracy and optimize profiling results.



Automatic data correction

Correct measurement data in clicks. Flexo tools preserve highlights, smooth gradients, and ensure accurate results.



Measure test charts

Measure charts quickly and accurately with Barbieri, Konica Minolta, MYIRO, Techkon, and X-Rite devices.



Tone Value correction

Adjust TVI curves for G70, ISO 20654, or custom profiles. Ensure tonal accuracy, consistency, and print compliance.



G7® Certification

Achieve recognized industry standards for precision and color consistency.

ColorAnt Features		Description / Benefits	M	L
Color Space support			up to 4 colors	Multicolor
RGB, CMYK, CMY, Gray		Work with RGB, CMYK, CMY, and Gray for broad compatibility	✓	✓
Density support		Control and evaluate print using density values	✓	✓
Colorimetric and spectral data support		Ensure precision with both colorimetric and spectral data	✓	✓
Tools				
Measuring of test charts		Capture accurate color data directly from printed charts	✓	✓
Automatic optimization		Clean and optimize data with one click	✓	✓
Workflow automation		Automate tasks to save time and reduce errors	✓	✓
Correction		Repair flawed measurements without reprinting charts	✓	✓
Removing of redundancies		Simplify datasets by eliminating duplicates	✓	✓
Smoothing		Improve curve stability for more reliable profiles	✓	✓
Rescaling		Resize charts for different devices and workflows	✓	✓
Optical brightener correction		Adjust for paper whiteness affected by OBAs	✓	✓
Tone value adjustments		Adapt tone curves to match press conditions	✓	✓
White and Black correction		Correct highlight and shadow data for better accuracy	✓	✓
Averaging		Combine multiple readings for more dependable results	✓	✓
Linking of charts		Merge several charts into one complete dataset	✓	✓
ICC Transformation		Apply ICC profiles to data for analysis or preview	All Color Spaces	✓
Report creation		Generate reports for documentation and quality tracking	✓	✓
Viewing and comparing options		Visually compare datasets to detect issues or changes	All Color Spaces	✓
CIE conversion		Convert data into any viewing condition	✓	✓
Create/Export of custom charts		Design and output custom charts for specific needs	✓	✓
Edit primaries		Adjust primary colors for correction or simulation	✓	✓
Color Editor		Precisely convert spot colors to process colors	✓	✓
Create Spot Color Libraries		Build libraries for consistent spot color management		✓
Embed CxF/X-4		Store spectral spot color data in PDF/X files		✓
Proof Evaluation		Check proofs against standards to confirm accuracy		✓
Add-on Software	CoPrA	Create precise profiles and consistent color	CoPrA L, XL	CoPrA XXL
	ZePrA	Automate color conversions with precise, consistent results	ZePrA Process	ZePrA Multicolor

Unlock the full potential of ColorAnt

ColorAnt delivers immediate results whether used on its own, integrated into an existing workflow, or combined with the ColorLogic Suite for a complete color management solution

