ColorThink Pro

The complete toolset for managing, repairing, evaluating and graphing ICC profiles

ColorThink Pro Highlights

- • Pro-level product based on award-winning ColorThink

- • New underlying architecture allows integration across tools, supports **up to 10-channel profiles** everywhere!

- • Graphs have more detail, automation & features. Can be saved as sessions or movies

- • ProfileInspector adds **gamut volume**, **inking statistics, dot gain** and the best curve analysis

- • New **Color Worksheet** opens a whole new world of learning and analysis. **Models entire workflow** to isolate color issues.

- • **ColorSmarts Guide** acts as your color consultant; performing tests and automating tasks

- • Powerful profile linking. **Create device-link and abstract profiles** from ANY multi-profile combination. **Includes clean-black links**

- • Revolutionary **ColorCast** technology modifies existing profiles to have powerful build-in proofing capabilities. Overcome Photoshop limitations for proofing up to 10 channels!
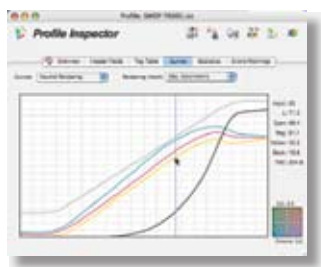
"I benefit greatly from ColorThink Pro's built-in profile evaluation tools."
*~**Neil Barstow**, imaging and color management specialist, ColorThink Pro beta tester*

Way more than just an upgrade to the award-winning ColorThink.

ColorThink Pro adds revolutionary new tools while maintaining the famous ease of use of the venerable classic.

The result is a toolset that'll make you go "whoa" all over again.

Profile Inspector

ColorThink's powerful Profile Inspector has been enhanced with significant capabilities including:

- • Gamut volume calculations
- • Comprehensive curve analysis including:
  - • Neutral rendering
  - • Dot gain
  - • RGB device calibration
- • Statistics summary including (for each channel)
  - • black start
  - • max black
  - • total ink

For the daring you can even delete profile tags & move them between profiles.
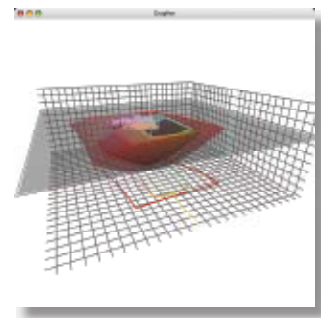
ColorSmarts Guide

All this power can be daunting. A combination automator and teacher, the ColorSmarts Guide is like having a color consultant standing over your shoulder. Select from a list of tests, the Guide will perform them for you and present the results as a graph, worksheet or delta-E report. Over 20 tests are built into the Guide including:

- • Evaluate device characteristics such as gamut volume , linearity, calibration, metamerism, dot gain and others
- • Evaluate profiles for accuracy and neutral rendering
- • Make/ modify device link, abstract & other specialty profiles
- • Compare profiles input and output capabilities and structures
- • Compare devices' gamuts, measurements, drift
- • Evaluate entire workflows to find color shift sources

Graphing Enhanced

Slicer & Gridlines
Cut through profile gamuts and image colors at any L* level. Instantly see how device gamuts compare to your image content at any lightness level without leaving 3D mode.
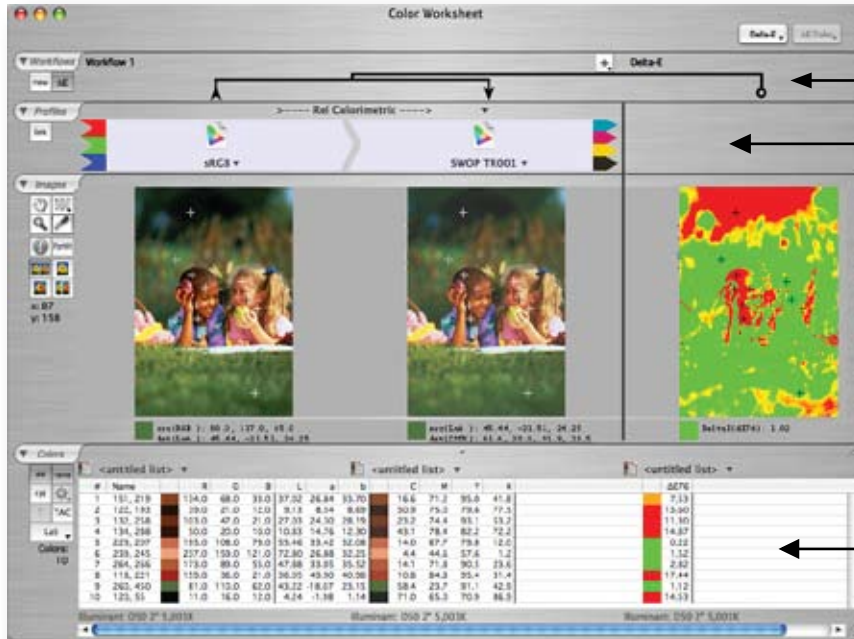
Constrain Channels
Simulate ink limiting per channel by simple slider adjustment. Determine exactly where to place RIP ink limits to ensure your press gamut is covered and your inkjet doesn't over-ink.

Wrap skin around colors
Get quick gamut visualization from a handful of color measurements as ColorThink Pro wraps a skin around any set of colors.

CHROMⁱX

Anatomy of a Revolution

delta-E selector isolates workflow stages for error analysis

profile region graphically shows workflow stages. Click "link" to join them as device link or abst profile

image region shows image or target at each stage of workflow

colors region shows lists or image selection points as colors are transformed through workflow. Run a report for error summary.

Color Worksheet

The options for learning and analyzing are unlimited with ColorThink Pro's Color Worksheet. The Color Worksheet is a spreadsheet that understands color. Rows in the worksheet are for profiles, images, color lists and workflow information. Columns are for color transformations, comparisons and delta-E calculations. The combined effect is a multi-purpose tool with unlimited color evaluation configurations.

Features

- Comprehensive image / color / profile evaluation
- Powerful profile linking including: clean-black device links, new ColorCast proofing profiles
- Delta-E calculations on images and colors
- Delta-E reports summarizing color differences
- Full workflow modeling to evaluate color shifts at each stage of the workflow
- Extract colors from scanned/ photographed targets with target selector
- Supports abstract, device link and device profiles up to 10 channels!
- Tightly integrated with graphing. dE becomes vector graph.

Tasks & Tests

- Make and modify device link, abstract & other specialty profiles
- Evaluate profiles for accuracy and neutral rendering
- Compare profiles input and output capabilities and structures
- Evaluate device characteristics such as gamut volume , linearity, calibration, tone stability(metamerism), dot gain and others
- Compare devices' gamuts, measurements, drift
- Evaluate entire workflows to find color shift sources

ColorCast™ Profiles

ColorCast patent-pending technology merges color adjustments and proofing transforms into existing device profiles. For instance, this patent-pending technology can embed a Hexachrome® proof into a working space or inkjet profile for easy end-user proofing in anything from Photoshop to Word!

Device-Link and Abstract Profiles

Any profile combination can be linked together to create device link profiles. Clean black option is available for CMYK->CMYK profiles (K only in -> toned K only out). Combinations starting & ending in Lab can create abstract profiles.

"The new Color Worksheets are just amazing for finding the weak link in an image processing workflow."

System Requirements:

- MacOS X
-     Version 10.2 or later
-     1 GHz G4+ recommended
- Windows 2000/XP
-     OpenGL installed
-     1.5 GHz P4 recommended

For information about ColorThink / Pro and other CHROMiX products and services call toll free
866-CHROMIX
or visit our Web site
www.chromix.com

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