



Fiery Verify

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Fiery Verify 2.12

Fiery Verify displays the verification results of your color measurement against a color reference.

Results are calculated from the color reference, the sample measurement, and the tolerance set.

Fiery Verify allows you to edit tolerance sets for the purpose of comparison.

Fiery Verify supported measurement instruments

Fiery Verify requires a measurement instrument for functions that require measurement of printed output. Fiery Verify supports the measurement instruments listed below.

Supported measurement instruments

- The following measurement instruments are supported for the measure reference workflow and measure sample workflow:
 - EFI ES-6000
 - EFI ES-3000
 - EFI ES-2000
 - EFI ES-1000
 - Barbieri Spectropad (with USB connection only)
 - Barbieri Spectro LFP
 - Barbieri Spectro LFP qb
 - Barbieri Spectro Swing
 - Canon iPRC10000VP Series Inline
 - Konica Minolta FD-9
 - Konica Minolta FD-5BT
 - Konica Minolta IQ-501
 - X-Rite i1iSis 2 XL
 - X-Rite i1iSis 2
 - X-Rite i1iSis XL
 - X-Rite i1iSis
 - X-Rite i1iO 3
 - X-Rite i1iO 2

- X-Rite i1iO
 - X-Rite i1Pro 3
 - X-Rite i1Pro 2
 - X-Rite i1Pro
 - X-Rite i1Pro 3+
 - Xerox iGen Inline Spectrophotometer
 - Xerox Full Width Array
- The following measurement instruments are supported for the patch measurement workflow:
 - EFI ES-3000
 - EFI ES-2000
 - EFI ES-1000
 - X-Rite i1Pro 3
 - X-Rite i1Pro 2
 - X-Rite i1Pro
 - X-Rite i1Pro 3+
 - Konica Minolta FD-5BT
 - Konica Minolta Myiro

For more information, see [Measure reference](#) on page 9, [Measure sample](#) on page 9, and [Patch measurement](#) on page 8.

Compare a sample against a color reference

Load sample and reference files to compare them using a tolerance set.

Note: Fiery Verify supports .icc, .txt, and .it8 file extensions.

Note: The sample and reference files must contain valid CGATS data.

1 Optional: Click **File** > **New comparison** to start a new comparison.

2 Click **Comparison** > **Load Reference**.

Note: The G7 Grayscale tolerance set does not require a color reference file.

3 Select a file, and then click **Open**.

4 Click **Comparison** > **Load Sample**.

5 Select a file, and then click **Open**.

6 Select the appropriate **Tolerance set** for your color workflow.

7 Optional: Click **Report** to save a detailed report in PDF format.

Note: The ΔE column will not display when a G7 Grayscale tolerance set or a G7 Targeted tolerance set is selected.

Create or edit a tolerance set in Fiery Verify

Create or edit a tolerance set to specify the criteria used for comparison by Fiery Verify.

Know the acceptable variation limits for your color workflow including:

- ΔE formula
- General ΔE limits
- Primary color ΔE limits
- Hue difference ΔH limits
- Tone value difference tolerance limits
- Chromaticness difference ΔCh limits
- NPDC ΔL limits
- Spot color ΔE limits

Note: Limits define the acceptable tolerance ranges that are calculated for each criterion.

1 Click **Edit > Tolerance Set Editor**.

2 Click  .

3 Select a **ΔE formula**.

4 Use the check boxes to select the **Tolerance criteria** you want.

5 Enter a **Limit** for each criteria selected.

6 Select either **Warn** or **Fail** to choose how each criterion will indicate when a measurement exceeds the limit you specify.

- **Warn** is informative only and will still allow the comparison to pass.
- **Fail** will cause the entire comparison to fail.

7 Click **Save**.

Save sample measurements

Save the measurement sample made as part of the verification process as a .it8 file.

Measurement samples are saved as .it8 files.

Save a measurement sample for use as a reference, or for comparison.

- 1 In Fiery Verify, click **Comparison > Save Sample**.
- 2 Navigate to the location where you want to save the report.
- 3 Type a file name, and click **Save**.

Save sample as reference

Save a measurement sample for use as a color reference in the verification preset editor.

- 1 In Fiery Verify, click **Comparison > Save Sample as Reference**.
- 2 Type a file name, and click **Save**.

Load reference

Load a reference file into Fiery Verify to compare it to a measurement sample.

Note: Fiery Verify supports .icc, .txt, and .it8 file extensions.

Note: The reference file must contain valid CGATS data.

- 1 In Fiery Verify, click **Comparison > Load Reference**.
- 2 Select a file, and then click **Open**.

Load sample

Load a sample file into Fiery Verify to compare it to a reference.

Note: Fiery Verify supports .icc, .txt, and .it8 file extensions.

Note: The sample file must contain valid CGATS data.

- 1 In Fiery Verify, click **Comparison > Load Sample**.
- 2 Select a file, and then click **Open**.

Patch measurement

Perform measurements to quickly compare printed color patches.

Check to make sure your supported handheld measurement instrument is connected.

- 1 Optional: Click **File > New comparison** to start a new comparison.
- 2 Optional: If you want, load a reference or a sample file.

- 3** Click **Comparison > Start patch measurement**.
- 4** Follow the onscreen calibration instructions to calibrate your measurement instrument.
- 5** Click **Measurement mode** and select your preferred measurement mode.
- 6** Click **Calibrate**.
- 7** Click under the **Reference** or **Sample** to select where you want the color measurement to appear.
- 8** Place the measurement instrument over the color patch you want to measure.
- 9** Scan the color patch with the measurement instrument.
Fiery Verify will automatically compare the new measurement to what is located in the **Reference** or **Sample** columns and display the results.
- 10** Click **Stop measurement** when all desired patches have been measured

Measure reference

Measure a patch page to use as a reference in Fiery Verify.

A pre-printed patch page is required.

Note: Fiery Verify saves the measurement as an .it8 file.

- 1** In Fiery Verify, click **Comparison > Measure reference**.
Fiery Verify uses FieryMeasure to measure a sample.
- 2** From the **Instrument** list, select your measurement instrument.
Click **Settings** to the right of the instrument selection to configure settings such as **Measurement mode** and **Large patch size**.
- 3** From the **Measure** list, select the use for your measurement.
- 4** From the **Patch set** list, select an appropriate patch set for your measurement.
- 5** In the **Chart size** list, select the chart size that corresponds to paper appropriate for your workflow which is loaded in your printer.
- 6** Click **Measure**.
- 7** Follow the on-screen instructions to calibrate your measurement device.
- 8** Follow the on-screen instructions to measure the page.

Measure sample

Measure a patch page to use as a sample file in Fiery Verify.

A pre-printed patch page is required.

Note: Fiery Verify saves the measurement as an .it8 file.

- 1 In Fiery Verify, click **Comparison > Measure sample**.
 Fiery Verify uses FieryMeasure to measure a sample.
- 2 From the **Instrument** list, select your measurement instrument.
 Click **Settings** to the right of the instrument selection to configure settings such as **Measurement mode** and **Large patch size**.
- 3 From the **Measure** list, select the use for your measurement.
- 4 From the **Patch set** list, select an appropriate patch set for your measurement.
- 5 In the **Chart size** list, select the chart size that corresponds to paper appropriate for your workflow which is loaded in your printer.
- 6 Click **Measure**.
- 7 Follow the on-screen instructions to calibrate your measurement device.
- 8 Follow the on-screen instructions to measure the page.

Save Report

Save the details of the verification comparison as a PDF file.

- 1 In Fiery Verify, do one of the following:
 - Click **File > Export to PDF > Report**.


- Click  .

- 2 Navigate to the location where you want to save the report.
- 3 Click **Save**.

Note: The ΔE column will not display when a G7 Grayscale tolerance set or a G7 Grayscale Targeted tolerance set is selected.

Create a verification label

Save the details of a verification comparison as a label in a PDF file.

- 1 After completing a verification in Fiery Verify, click  .
 A label will be created in a PDF and opened in your default PDF viewer.
- 2 Print or save the PDF file as desired.

Note: The G7 Grayscale tolerance set does not require a color reference file.