

# Color Analyzer

v1.5.1.17


## What's new?

- Added peak signal-to-noise ratio metric (PSNR - [https://en.wikipedia.org/wiki/Peak\\_signal-to-noise\\_ratio](https://en.wikipedia.org/wiki/Peak_signal-to-noise_ratio))
- SRGB metric calculated by averaging by selected area and it has an accuracy of 2 decimal symbols after dot
- All metrics are automatically updated in live

Typical values for the PSNR are between 30 and 50 dB, provided the bit depth is 8 bits, where higher is better.  
If the observed object is moving or exposure is changed, press button "Clear" near PSNR point to reset PSNR metric calculation.

Color Analyzer

Munsell 5Y



☐ Auto-detect patch

☐ Show sRGB in %

☐ Mark non-sRGB colors

☐ Use L from reference

Metrics

dE\*

dL

Clear

dH

dC

Add

Measured

Reference

Lab

19.63, 1.31, -4.50

LCh

19.63, 4.69, 286.20

LSh

19.63, 0.13, 286.20

XYZ

2.87, 2.90, 2.96

sRGB

47.04, 47.04, 54.07

PSNR

43.364 dB

Clear