

$\log(Y/\Delta Y)$

CIE Y-Kontrast

$0,1C_{r,\text{LABJND}}$ und $C_{r,\text{CIEDE2000}}$

$$C_r = Y/\Delta Y$$

Y-Kontrast nach CIEDE2000

$$\begin{aligned}\log(Y/dY) &= \log[(1/3)(116/Y_n)] + (1/3)\log(Y/Y_n) \\ &= \log[(1/3)(116/(Y_n^{1/3}))] + (1/3)\log(Y)\end{aligned}$$

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$$L^*_u = 50, Y_u = 18, dY_u = 0,83, (Y/dY_u) = 22$$

$$\log(Y/dY)_u = 1,33, m_u = 0,18$$

$m_{u+} = 0,13$

$m_{u-} = 0,14$

Anwendungsbereich

