

$\log \Delta Y$

CIE-Normfarbwertdifferenz

$10\Delta Y_{\text{LABJND}}$ und $\Delta Y_{\text{CIEDE2000}}$

ΔΥ

$$L^* = 116 (Y/Y_n)^{1/3} - 16$$

Normfarbwertdifferenz nach CIEDE2000

$$\begin{aligned}\log(dY) &= \log(3(Y_n/116)) + (2/3)\log(Y/Y_n) \\ &= \log(3(Y_n^{1/3})/116) + (2/3)\log(Y)\end{aligned}$$

1 + 10


$$Y_u=18, dY_u=0,83, dY_u/Y_u=0,045$$

$\log(dY)=0,84, m_{II}=0,81$

$$m_{u+} = 0.86$$
$$m_{\pi^+} = 0,85$$

0.1



10

$$Y_{11} = 18 \text{ } 100 \text{ } \mu$$
 $\log(Y)$

Anwendungsbereich

Y

18

10



10