

$\log \Delta Y$

CIELAB-

Normfarbwertdifferenz

$\log(\Delta Y)$

2 100

$$L^*_{\text{CIELAB}} = s(Y/Y_u)^{1/3} - 16 \quad (s=66, Y_u=18, 1 < Y \leq 100)$$

CIELAB-Normfarbwertdifferenz

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

1 10

0 1

$$Y_u=18, dY_u=0,83, dY_u/Y_u=0,0454$$

$$\log(dY)=0,82, m_u=0,66$$

Anwendungsbereich

