

$\log(Y/\Delta Y)$

$\log(S_r) \quad S_r = (Y/\Delta Y)$

CIELAB-Normfarbwertkontrast

2-100

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

CIELAB-Normfarbwertkontrast

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

$$L^*_u = 50, Y_u = 18, dY_u = 0,83, Y_u/dY_u = 21$$

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

0-1

-1-2

0,1-1

1

$Y_N = 4 \quad 10 \quad 100 \quad Y_u = 18$

1

2

$\log(Y)$

Anwendungsbereich

bereich