

$\log(Y/\Delta Y)$

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

CIELAB-

Normfarbwertkontrast

$$(s=66, Y_u=18, 1/255 < Y < 7)$$

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

CIELAB-Normfarbwertkontrast

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

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

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

