

$\log(\Delta Y/Y)$

CIELABu1

Normfarbwertempfindlichkeit

$Y_{nc} = L^*_{wRGBnc} = 100, 52, 87, 31$

$S_r = (\Delta Y/Y)$

2-100

$$L^*_{CIELABu1} = 66(Y/Y_u)^{1/3,0} - 16 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$\log(dY/Y) = \log[3,0(Y_u/65)] - (1/3,0) \log(Y/Y_u)$$

$$= (1/3,0) \log[3,0(Y_u/65)] - (1/3,0) \log(Y)$$

1-10

$$\log(dY/Y) = -0,59, m_u = -0,33$$

$$L^*_u = 50, dY_u = 4,58, dY_u/Y_u = 0,2544$$

Anwendungsbereich

