

$\log(\Delta Y)$

CIELABu9

Normfarbwertdifferenz

$Y_{nc} = Y_W$ RGB_{nc} = 100, 21, 72, 7

ΔY
2-100
1-10
0-1

$$t^*_{\text{CIELABu9}} = 37 (Y/Y_u)^{1/1,5} + 13 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$\log(dY) = (1/1,5) \log[1,5(Y_u/36)] + [1 - (1/1,5)] \log(Y)$$

$$t^*_u = 50, dY_u = 4,05, dY_u/Y_u = 0,2253$$

$$\log(dY) = 4,05, m_u = 0,33$$

$$dY_{90} = 6,93, \gamma = 1,5, 1/\gamma = 1/1,5 = 0,66$$

$$dY_{18} = 4,05, S_u = 36,98, D_u = 15,01$$

$$dY_{3,6} = 2,36, Y_u = 18, dY_u = 4,05$$

----- Anwendungs-
bereich

