

$\log(\Delta Y)$

CIELABu9

Normfarbwertdifferenz

$$Y_{nc} = L^* \mathbf{w} \mathbf{R} \mathbf{G} \mathbf{B}_{nc} = 100, \mathbf{52}, \mathbf{87}, \mathbf{31}$$

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

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

ΔY

2 100

1 10

0 1

-1

-2

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

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

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

$$dY_{18} = 4,05, S_n = 36,98, D_n = 13,01$$

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

Anwendungsbereich

0,1

1

10

100

$Y_u = 18$

Y

$Y_N = 3,6$

1

10

100

2

$Y_W = 90$

$\log(Y)$