

$\log(\Delta Y)$

CIELABuS

Normfarbwertdifferenz

$Y_{nc} = L^*_{WRGBnc} = 100, \textcolor{red}{52}, \textcolor{blue}{87}, \textcolor{green}{31}$

ΔY

2
100

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

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

1
10

$$T^*_{u} = 50, dY_u = 4,58, dY_u/Y_u = 0,2544$$

$$\log(dY) = 4,58, m_u = 0,66$$

0
-1

$$dY_{90} = 13,39, \gamma = 3,0, \gamma = 1/3,0 = 0,33$$

$$dY_{18} = 4,58, S_n = 6,49, D_n = -15,49$$

$$dY_{3,6} = 1,56, Y_u = 18, dY_u = 4,58$$

Anwendungsbereich

0,1

1

10

$Y_u = 18 \quad 100 \quad Y$
 $Y_W = 90 \quad 2 \quad \log(Y)$

-1

0

$Y_N = 3,6 \quad 1$