

$\log(\Delta Y)$

CIELABu2

Normfarbwertdifferenz

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

ΔY

2
100

$L^*_{CIELABu2} = 59(Y/Y_u)^{1/2,5} - 9 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$

$\log(dY) = (1/2,5) \log[2,5(Y_u/58)] + [1 - (1/2,5)] \log(Y)$

1
10

$L^*_{u} = 50, dY_u = 4,27, dY_u/Y_u = 0,2377$

$\log(dY) = 4,27, m_u = 0,59$

0
-1

$dY_{90} = 11,23, \gamma = 2,5, 1/\gamma = 1/2,5 = 0,40$

$dY_{18} = 4,27, S_n = 58,42, D_n = -8,42$

$dY_{3,6} = 1,62, Y_u = 18, dY_u = 4,27$

Anwendungsbereich

