

$\log(\Delta Y)$

IECsRGBu5

Normfarbwertdifferenz

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

$T^*_{\text{IECsRGBu5}} = 50 (Y/Y_u)^{1/2,4} \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$

$\log(dY) = (1/2,4) \log[2,4(Y_u/50)] + [1 - (1/2,4)] \log(Y)$

1
10

$T^*_u = 50, dY_u = 4,80, dY_u/Y_u = 0,2666$

$\log(dY) = 4,80, m_u = 0,58$

0
1

-1
-2

0,1 1 10 $Y_u = 18$ 100 Y

$Y_N = 3,6$ 1 $Y_W = 90$ 2 $\log(Y)$

Anwendungsbereich