

$\log(\Delta Y)$

IECsRGBu1

Normfarbwertdifferenz

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

$$L^*_{IECsRGBu1} = 50 (Y/Y_u)^{1/2,4} \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$$

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

2
1
0
-1

ΔY

100
10
1
0
-1

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

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

Anwendungsbereich

0,1

1

10

$Y_u = 18$

100

Y

$Y_N = 3,6$

1

$Y_W = 90$

2

$\log(Y)$