

$\log(\Delta Y)$

IECsRGBu1

Normfarbwertdifferenz

$Y_{nc} = Y_{wRGBnc} = 100, 21, 72, 7$

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

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

2
1
0
-1

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

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

$dY_{90} = 12,27, \gamma = 2,4, 1/\gamma = 1/2,4 = 0,4$

$dY_{18} = 4,80, l_n = 50,00, D_n = -0,00$

$dY_{3,6} = 1,87, Y_u = 18, dY_u = 4,80$

Anwendungsbereich

0,1

1

10

100

$Y_u = 18$

Y

$Y_N = 3,6$

1

10

$Y_W = 90$

2

100

$\log(Y)$