

$\log(\Delta Y)$

IECsRGBu1

Normfarbwertdifferenz

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

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

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

1
10

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

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

0
1

0,1

1

10

$Y_u = 18$

100

Y

$Y_N = 3,6$

1

$Y_W = 90$

2

$\log(Y)$

Anwendungsbereich