

$\log(\Delta Y)$

IECsRGBu2

Normfarbwertdifferenz

$Y_{nc} = Y_W$ RGB_{nc} = 100, 21, 72, 7

ΔY

2 100

$l^*_{IECsRGBu2} = 50 (Y/Y_u)^{1/2,0}$ ($Y_u = 18$, $Y_{nc}/100 < Y \leq Y_{nc}$)

$\log(dY) = (1/2,0) \log[2,0(Y_u/50)] + [1 - (1/2,0)] \log(Y)$

1 10

$l^*_u = 50$, $dY_u = 4,00$, $dY_u/Y_u = 0,2222$

$\log(dY) = 4,00$, $m_u = 0,50$

0 1

$dY_{90} = 8,94$, $\gamma = 2,0$, $1/\gamma = 1/2,0 = 0,50$

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

$dY_{3,6} = 1,78$, $Y_u = 18$, $dY_u = 4,00$

Anwendungsbereich

0,1

1

10

100

$Y_u = 18$ 100

Y

-2

-1

0

$Y_N = 3,6$

1

10

$Y_W = 90$

2

$\log(Y)$