

$\log(\Delta Y)$

IECsRGBu7

Normfarbwertdifferenz

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

ΔY
2 100
1 10
0 1
-1

$t^*_{IECsRGBu7} = 50 (Y/Y_u)^{1/2,0}$ ($Y_u = 18$, $Y_{nc}/100 < Y \leq Y_{nc}$)

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

1

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

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

0

Anwendungs-
bereich

0,1

1

10

100

$Y_u = 18$ 100 Y

-2

-1

0

$Y_N = 3,6$

1

10

100

$Y_W = 90$ 2

$\log(Y)$