

$\log [(Y/\Delta Y) / (Y/\Delta Y)_u]$

IECsRGBu6 relativer
Normfarbwertkontrast

$Y_{nc} = L^*_{wRGBnc} = 100, 52, 87, 31$

$C_r/C_{ru} = (Y/\Delta Y)/(Y/\Delta Y)_u$

$T^*_{IECsRGBu6} = 50 (Y/Y_u)^{1/2,4} \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$

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

2
100

1
10

0
1

$(Y/dY)_{90}/(Y/dY)_u = 1,95, \gamma = 2,4, 1/\gamma = 1/2,4 = 0,41$
 $(Y/dY)_{18}/(Y/dY)_u = 1,00, S_n = 50,00, D_n = -0,00$
 $(Y/dY)_{3,6}/(Y/dY)_u = 0,51, Y_u = 18, dY_u = 4,80$

$\log[(Y/dY)/(Y/dY)_u] = 0, m_u = 0,41$

$T^*_u = 50, dY_u = 4,80, Y_u/dY_u = 1$

--- Anwendungs-
bereich

0,1

1

10

100

$Y_u = 18$

100

Y
 $\log(Y)$

-2

-1

0

$Y_N = 3,6$

$Y_W = 90$

2