

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

IECsRGBu8 relativer
Normfarbwertkontrast

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

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

$T^*_{IECsRGBu8} = 50 (Y/Y_u)^{1/1,6}$ ($Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc}$)

$\log[(Y/dY)/(Y/dY)_u] = (1/1,6) \log(Y/Y_u)$

2
100

1
10

0
1

-1

$(Y/dY)_{90} / (Y/dY)_u = 2,73, \gamma = 1,6, 1/\gamma = 1/1,6 = 0,62$
 $(Y/dY)_{18} / (Y/dY)_u = 1,00, S_n = 50,00, D_n = -0,00$
 $(Y/dY)_{3,6} / (Y/dY)_u = 0,36, Y_u = 18, dY_u = 3,20$

$\log[(Y/dY)/(Y/dY)_u] = 0, m_u = 0,62$

$T^*_u = 50, dY_u = 3,20, Y_u/dY_u = 5$

Anwendungs-
bereich

0,1

10

100

$Y_u = 18$

Y

$Y_N = 3,6$

1

2

$Y_W = 90$

$\log(Y)$