

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

IECsRGBu6 relative
tistimulus value contrast

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

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

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

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

2
100

1
10

0
1

$(Y/dY)_{90} / (Y/dY)_u = 1,95, \gamma = 2,4, 1/\gamma = 1/2,4 = 0,41$

$(Y/dY)_{18} / (Y/dY)_u = 1,00, S_n = 50,00, D_n = -0,00$

$(Y/dY)_{3,6} / (Y/dY)_u = 0,51, Y_u = 18, dY_u = 4,80$

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

$t^*_u = 50, dY_u = 4,80, Y_u / Y_u = 3$

application
range

0,1

1

10

100

$Y_u = 18$

Y

-2

-1

0

$Y_N = 3,6$

1

$Y_W = 90$

2

$\log(Y)$