

$\log(Y/\Delta Y)$

IECsRGBu1

tristimulus value contrast

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

$C_r = (Y/\Delta Y)$

2
100

$l^*_{IECsRGBu1} = 50 (Y/Y_u)^{1/2,4} \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$

$\log(Y/dY) = -\log[2,4(Y_u/50)] + (1/2,4) \log(Y/Y_u)$

$= -(1/2,4) \log[2,4(Y_u/50)] + (1/2,4) \log(Y)$

1
10

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

$\log(Y/dY) = 0,57, m_u = 0,41$

0
1

$(Y/dY)_{90} = 7,55, \gamma = 2,4, 1/\gamma = 1/2,4 = 0,41$

$(Y/dY)_{18} = 3,74, S_n = 50,00, D_n = -0,00$

$(Y/dY)_{3,6} = 1,92, Y_u = 18, dY_u = 4,80$

application
range

0,1

1

10

100

$Y_u = 18$

Y

-1

-1

0

$Y_N = 3,6$

1

10

$Y_W = 90$

100

$\log(Y)$