

$\log(Y/\Delta Y)$

IECsRGBu6

tristimulus value contrast

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

$C_r = (Y/\Delta Y)$

2 100

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

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

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

1 10

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

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

0 1

application  
range

-1 0,1 1 10 100  $Y_u = 18$  100  $Y$   
-2 -1 0  $Y_N = 3,6$  1  $Y_W = 90$  2  $\log(Y)$