

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

CIE LABu7 relative
tistimulus value contrast

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

$C_r/C_{ru}=(Y/\Delta Y)/(Y/\Delta Y)_u$
 $t^*_{CIE LABu7}=59(Y/Y_u)^{1/2,5}-9$ ($Y_u=18, Y_{nc}/100<Y\leq Y_{nc}$)

$\log[(Y/dY)/(Y/dY)_u] = (1/2,5) \log(Y/Y_u)$

2
100

$(Y/dY)_{90}/(Y/dY)_u=1,90, \gamma=2,5, 1/\gamma=1/2,5=0,40$

$(Y/dY)_{18}/(Y/dY)_u=1,00, S_n=58,42, D_n=-8,42$

$(Y/dY)_{3,6}/(Y/dY)_u=0,52, Y_u=18, dY_u=4,27$

1
10

$\log[(Y/dY)/(Y/dY)_u]=0, m_u=0,39$

$t^*_u=50, dY_u=4,27, Y_u=18$

application
range

0,1

1

10

100

$Y_u=18$

Y

$Y_N=3,6$

1

10

100

$Y_W=90$

2

$\log(Y)$