

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

CIE LABu8 relative
tistimulus value contrast

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

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

$t^*_{CIE LABu8}=50(Y/Y_u)^{1/2,0}+1$ ($Y_u=18, Y_{nc}/100 < Y \leq Y_{nc}$)

$\log[(Y/dY)/(Y/dY)_u] = (1/2,0) \log(Y/Y_u)$

$(Y/dY)_{90}/(Y/dY)_u=2,23, \gamma=2,0, 1/\gamma=1/2,0=0,50$
 $(Y/dY)_{18}/(Y/dY)_u=1,00, S_n=49,21, D_n=0,78$
 $(Y/dY)_{3,6}/(Y/dY)_u=0,44, Y_u=18, dY_u=4,06$

$\log[(Y/dY)/(Y/dY)_u]=0, m_u=0,40$

$t^*_u=50, dY_u=4,06, Y_u/dY_u=4$

application
range

