

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

CIE LABu7 relative
tistimulus value contrast

$$C_r/C_{ru} = (Y/\Delta Y)/(Y/\Delta Y)_u \quad Y_{nc} = Y_{WRGBnc} = 100, 21, 72, 7$$

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

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

2
100

1
10

0
1

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

$$t^*_u = 50, dY_u = 4.27, Y_u/dY_u = 1$$

application
range

