

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

LABJNDu9 relative

tistimulus value contrast

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

$$Y_{nc}=L^*_{wRGBnc}=100, 52, 87, 31$$

2 100

$$T^*_{LABJNDu9}=\ln(A_{1n}+A_{2n}Y)/(A_{2n}A_{0n}) \quad (Y_{nc}/100<Y\leq Y_{nc})$$

$$T^*_{LABJNDu9}=\ln(A_{1n}+A_{2u}x)/(A_{2u}A_{0n}) \quad (x=Y/Y_u)$$

$$(Y/dY)/(Y/dY)_u=[x/(A_{1n}+A_{2u}x)]/(A_{1n}+A_{2u})$$

1 10

$$(Y/dY)_{90}/(Y/dY)_u=1,12, A_{0n}=1,0, A_{2u}=0,0438, c_x=0,42$$

$$(Y/dY)_{18}/(Y/dY)_u=1,00, A_{1n}=0,007, A_{2n}=0,0024$$

$$(Y/dY)_{3,6}/(Y/dY)_u=0,64, Y_u=18, dY_u=0,05$$

0 1

$$\log[(Y/dY)/(Y/dY)_u]=0, m_u=0,13$$

$$T^*_u=1187, dY_u=0,05, Y_u/dY_u=353$$

application
range

0,1

1

10

100

Y

-1

0

1

2

log(Y)