

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

LABJNDu4 relative

tistimulus value contrast

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

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

$$L^*_{LABJNDu4} = \ln(A_{1n} + A_{2n}Y)/(A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$L^*_{LABJNDu4} = \ln(A_{1n} + A_{2u}x)/(A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

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

2 100

1 10

0 1

$$\log[(Y/dY)/(Y/dY)_u] = 0, m_u = 0,06$$

$$L^*_u = 332, dY_u = 0,16, Y_u = 107$$

application
range

0,1

1

10

100

Y

-1

0

1

2

$\log(Y)$

$x_N = 0,2$

$x_u = 1$

$x_W = 5$