

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

LABJNDu1 relative
tistimulus value contrast

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

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

2
100

$$l^*_{LABJNDu1} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$l^*_{LABJNDu1} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

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

1
10

$$(Y/dY)_{90} / (Y/dY)_u = 1,12, A_{0n} = 1,0, A_{2u} = 0,1044, c_x = 1,00$$

$$(Y/dY)_{18} / (Y/dY)_u = 1,00, A_{1n} = 0,017, A_{2n} = 0,0058$$

$$(Y/dY)_{3,6} / (Y/dY)_u = 0,64, Y_u = 18, dY_u = 0,12$$

0
1

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

$$l^*_u = 498, dY_u = 0,12, Y_u/dY_u = 148$$

--- application
range

0,1

1

10

100

Y

-1

0

1

2

log(Y)

$x_N = 0,2$

$x_W = 5$

$l^*_{x_u} = 1$