

$\log (\Delta Y/Y)$

LABJNDu4

tristimulus value sensitivity

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

$S_r=(\Delta Y/Y)$

0-1

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

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

$dY/Y=A_{0n}(A_{1n}+A_{2n}Y)/Y=A_{0n}(A_{1n}+A_{2u}x)/Y$

-1-0,1

-2-0,01

$\log(dY/Y)=-2,29, m_u=-0,26$

$L^*_u=791, dY_u=0,09, dY_u/Y_u=0,0050$

application
range

0,1

1

10

100

Y

-1

0

1

2

$\log(Y)$

$x_N=0,2$

$x_W=5$

1

$x_u=1$