

log ($\Delta Y/Y$)

LABJNDu3

tristimulus value sensitivity

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

$S_r = (\Delta Y/Y)$

0,1

$$l^*_{LABJNDu3} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$l^*_{LABJNDu3} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

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

-1,0,1

-2,0, (log(dY/Y) = -2,13, $m_u = -0,18$)

$$l^*_u = 496, dY_u = 0,13, dY_u/Y_u = 0,0072$$

application
range

0,1

1

10

100

Y

-1

0

1

2

log(Y)

$x_N = 0,2$

$x_u = 1$
 $x_W = 5$