

log (Y/ΔY)

LABJNDu3

tristimulus value contrast

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

$C_r = (Y/\Delta Y)$

4 10000

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

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

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

3 1000

$(Y/dY)_{90} = 249,21, A_{0n} = 1,0, A_{2u} = 0,0699, c_x = 0,67$

$(Y/dY)_{18} = 221,29, A_{1n} = 0,011, A_{2n} = 0,0038$

$I^*_u(Y_u) dY_u = 0,084 Y_u dY_u = 221,29$

$\log(Y/dY) = 2,34, m_u = 0,13$

1

0,1

1

10

$x_u = 1$

100

Y

-2

-1

0

$x_N = 0,2$

1

$x_W = 5$

2

log(Y)

application
range