

log (Y/ΔY)

LABJND_{u7}

tristimulus value contrast

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

$C_r = (Y/\Delta Y)$

4
10000

$T^*_{LABJNDu7} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$

$T^*_{LABJNDu7} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$

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

3
1000

$T^*_u = 396, dY_u = 0,15, Y_u/dY_u = 114$

2
100
 $\log(Y/dY) = 2,05, m_u = 0,15$

1

application
range

0,1

1

10

$x_u = 1$

100 Y

-2

-1

0

$x_N = 0,2$

1

$x_W = 5$

2

log(Y)