

log (Y/ΔY)

LABJNDu8

tristimulus value contrast

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

4 10000

$$t^*_{LABJNDu8} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$t^*_{LABJNDu8} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

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

3 1000

$$t^*_u = 496, dY_u = 0,12, Y_u/dY_u = 147$$

$$2 \log(Y/dY) = 2,16, m_u = 0,13$$

application
range

