

t^* LABJNDu9 triangle lightness t^* $Y_{nc}=Y_{wRGBnc}=100, 21, 72, 7$ t^*
4 10000

$$t^*_{LABJNDu9} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$$

$$t^*_{LABJNDu9} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$$

$$t^*_N(3,6)=348, t^*_u(18)=791, t^*_W(90)=1231$$

$$\log[t^*/t^*_u]=0, m_u=0,33$$

$$L^*_u=49, t^*_u=791$$

2 100

1 0,1 1 10 100 Y
-2 -1 0 $x_N=0,2$ 1 $x_u=1$ 2 $x_W=5$ $\log(Y)$

application
range