

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

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

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

$$t^*_N(3,6)=146, t^*_u(18)=332, t^*_W(90)=517$$

3 1000

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

$$L^*_u=49, t^*_u=332$$

2 100

application
range

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