

t^* LABJNDu7 triangle lightness t^* $Y_{nc}=Y_{wRGBnc}=100, 21, 72, 7$ t^*
4 10000 $t^*_{LABJNDu7} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$ $t^*_{LABJNDu7} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$ $t^*_N(3,6)=174, t^*_u(18)=396, t^*_W(90)=616$

3 1000

 $\log[t^*/t^*_u]=0, m_u=0,33$ $L^*_u=49, t^*_u=396$

2 100

 $t^*_{90}=616,73, A_{0n}=1, A_{2u}=0,0876, c_x=0,84$ $t^*_{18}=395,50, A_{1n}=0,014, A_{2n}=0,0048$ $t^*_{3,6}=173,94, t^*_u=395,50, Y_u=18$ application
range

1

0,1

1

10

 $x_u=1$

100

 Y

-2

-1

0

1

10

100

 $\log(Y)$ $x_N=0,2$ $x_W=5$