

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

$$t^*_{90} = 616,73, A_{0n} = 1,6, A_{2u} = 0,0875, c_x = 0,84$$

$$t^*_{18} = 395,50, A_{1n} = 0,007, A_{2n} = 0,0048$$

$$t^*_{3,6} = 173,94, t^*_u = 395,50, Y_u = 18$$

 application range

1

0,1

1

10

100

 $x_u = 1$

y

-1

0

1

2

 $x_N = 0,2$

log(Y)

-2

-1