

t^* CIELABu8 triangle lightness t^* $Y_{nc}=Y_{WRGBnc}=100, 21, 72, 7$ t^*

4 10000

 $t^*_{CIELABu8}=50(Y/Y_u)^{1/2,0}+1 \quad (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$ $t^*_{N(3,6)}=23, t^*_u(18)=50, t^*_{W(90)}=111$

3 1000

 $t^*_{90}=110,83, \gamma=2,0, 1/\gamma=1/2,0=0,50$ $t^*_{18}=50,00, S_u=49,21, D_u=0,78$ $t^*_{3,6}=22,74, t^*_u=50,00, Y_u=18$

2 100

 $\log[t^*/t^*_u]=0, m_u=0,49$ $L^*_u=49, t^*_u=50$ application
range

1

0,1

10

1

100

Y

-2

-1

0

Y_N=3,6

1

10

1

100

Y

2

log(Y)