

t^* CIELABu7 triangle lightness t^* $Y_{nc}=Y_{WRGBnc}=100, 21, 72, 7$ t^*

4 10000

 $t^*_{CIELABu7}=59(Y/Y_u)^{1/2,5}-9 \quad (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$ $t^*_{N(3,6)}=22, t^*_u(18)=50, t^*_W(90)=103$

3 1000

 $t^*_{90}=102,79, \gamma=2,5, 1/\gamma=1/2,5=0,40$ $t^*_{18}=50,00, S_n=58,42, D_n=-8,42$ $t^*_{3,6}=22,19, t^*_u=50,00, Y_u=18$

2 100

 $\log[t^*/t^*_u]=0, m_u=0,46$ $L^*_u=49, t^*_u=50$ application
range

1

0,1

1

10

100

 $Y_u=18$ $Y_W=90$

2

 Y $Y_N=3,6$

1

10

100

2

 $\log(Y)$