

t^*/t_u^* CIELABu8 relative triangle lightness t^*/t_u^* $Y_{nc}=Y_{wRGBnc}=100, 21, 72, 7$ t^*/t_u^*

2 100

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

1 10

 $t^*_{90}/t^*_u=2,21, \gamma=2,0, 1/\gamma=1/2,0=0,50$ $t^*_{18}/t^*_u=1,00, S_u=49,21, D_u=0,78$ $t^*_{3,6}/t^*_u=0,45, t^*_u=50,00, Y_u=18$

0 1

 $\log[t^*/t_u^*]=0, m_u=0,49$ $L^*_u=49, t^*_u=50$ application
range-1 0 1 10 100 $Y_u=18$ 100 Y

0,1

1

10

100

 $Y_N=3,6$

1

100

 $Y_W=90$

2

 $\log(Y)$