

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

2 100

 $t_{CIELABu7}^*=59(Y/Y_u)^{1/2,5-9}$ ($Y_u=18, Y_{nc}/100 < Y \leq Y_{nc}$) $t_N^*(3,6)=22, t_u^*(18)=50, t_W^*(90)=103$

1 10

0 1

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

0,1

1

10

 $Y_u=18$

100

 Y $Y_N=3,6$

1

 $Y_W=90$

2

 $\log(Y)$