

t^*/t_u^* IECsRGBu7 relative triangle lightness t^*/t_u^* $Y_{nc}=Y_{W\text{RGB}nc}=100, \text{21, 72, 7}$ t^*/t_u^*

2 100

 $t_{IECsRGBu7}^*=50(Y/Y_u)^{1/2,0} (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$ $t_N^*(3,6)=22, t_u^*(18)=50, t_W^*(90)=112$

1 10

0 1

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

0,1

1

10

1

 $Y_u=18$

100

 Y $Y_N=3,6$ $Y_W=90$ $\log(Y)$