

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

0 1

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

application range

0,1

1

10

1

100

Y

 $Y_N=3,6$ $Y_W=90$

2

 $\log(Y)$