

t^*/t_u^* CIELABn8 relative triangle lightness t^*/t_n^* $Y_{nc}=Y_{WRGBnc}=100, 21, 72, 7$ t^*/t_u^*

2 100

 $t^*_{CIELABn8}=100(Y/Y_n)^{1/2,0}+1 \quad (Y_n=100, Y_{nc}/100 < Y \leq Y_{nc})$ $t^*_{N(3,6)}=20, t^*_{u(18)}=43, t^*_{W(90)}=95$

1 10

 $t^*_{90}/t^*_{u}=2,21, \gamma=2,0, 1/\gamma=1/2,0=0,50$ $t^*_{18}/t^*_{u}=1,00, S_n=99,21, D_n=0,78$ $t^*_{3,6}/t^*_{u}=0,45, t^*_n=42,87, Y_n=18$

0 1

 $\log[t^*/t_u^*]=0, m_u=0,49$ $L^*_u=49, t^*_u=43$

application range

-1 0,1 1 10 100 $Y_u=18$ 100 Y

-2 -1 0 $Y_N=3,6$ 1 $Y_W=90$ 2 $\log(Y)$