

t^* IECsRGBu8 triangle lightness t^* $Y_{nc}=Y_{W\text{RGB}nc}=100, 21, 72, 7$

4 10000
 t^*

 $t^*_{\text{IECsRGBu8}}=50(Y/Y_u)^{1/1,6} (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$
 $t^*_{N(3,6)}=18, t^*_u(18)=50, t^*_W(90)=137$

3 1000

 $t^*_{90}=136,71, \gamma=1,6, 1/\gamma=1/1,6=0,62$
 $t^*_{18}=50,00, S_n=50,00, D_n=-0,00$
 $t^*_{3,6}=18,24, t^*_u=50,00, Y_u=18$

2 100

 $\log[t^*/t^*_u]=0, m_u=0,62$
 $L^*_u=49, t^*_u=50$

application
range

1 0,1 1 10 100 Y
 $Y_N=3,6$ 1 $Y_W=90$ 2 $\log(Y)$