

$T^*/T^*_u$  CIELABn7 relative triangle lightness  $T^*/T^*_n$   
 $Y_{nc}=L^*_wRGB_{nc}=100, 52, 87, 31$

$T^*/T^*_u$   
 2 100  
 $T^*_{CIELABn7}=109(Y/Y_n)^{1/2,5}-9$  ( $Y_n=100, Y_{nc}/100<Y\leq Y_{nc}$ )  
 $T^*_N(3,6)=20, T^*_u(18)=46, T^*_W(90)=96$

1 10  
 $T^*_{90}/T^*_u=2,06, \gamma=2,5, 1/\gamma=1/2,5=0,40$   
 $T^*_{18}/T^*_u=1,00, S_n=108,42, D_n=-8,42$   
 $T^*_{3,6}/T^*_u=0,43, T^*_n=46,18, Y_n=18$

0 1  
 $\log[T^*/T^*_u]=0, m_u=0,47$

$L^*_u=49, T^*_u=46$

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  $\log(Y)$