

$\log(T^*/T^*_u)$  CIELABn5 relative triangle lightness  $T^*/T^*_n$   
 $Y_{nc}=L^*_w \mathbf{RGB}_{nc}=100, \mathbf{52, 87, 31}$

$T^*/T^*_u$   
 2 100  
 $T^*_{\text{CIELABn5}}=116(Y/Y_n)^{1/3,0}-16$  ( $Y_n=100, Y_{nc}/100 < Y \leq Y_{nc}$ )  
 $T^*_N(3,6)=23, T^*_u(18)=50, T^*_W(90)=96$

1 10  
 $T^*_{90}/T^*_u=1,93, \gamma=3,0, 1/\gamma=1/3,0=0,33$   
 $T^*_{18}/T^*_u=1,00, S_n=115,49, D_n=-15,49$   
 $T^*_{3,6}/T^*_u=0,45, T^*_n=49,71, Y_n=18$

0 1  
 $\log[T^*/T^*_u]=0, m_u=0,43$   
 $L^*_u=49, T^*_u=50$

application range

-1 0,1 1 10 100 Y  
 $Y_n=3,6$   $Y_u=18$   $Y_w=90$  2  
 -2 -1 0 1 2  $\log(Y)$