

$T^*$ CIELABu7 triangle lightness  $T^*$ 

$$Y_{nc} = L^*_{wRGBnc} = 100, 52, 87, 31$$

 $T^*$ 

4 10000

$$T^*_{CIELABu7} = 59(Y/Y_u)^{1/2,5} - 9 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$T^*_{N(3,6)} = 22, T^*_{u(18)} = 50, T^*_{W(90)} = 103$$

3 1000

2 100

$$\log[T^*/T^*_u] = 0, m_u = 0,46$$

$$L^*_u = 49, T^*_u = 50$$

application range

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