

T^*/T_u^* CIELABu7 relative triangle lightness T^*/T_u^* $Y_{nc} = L^*_w \text{RGB}_{nc} = 100, 52, 87, 31$ T^*/T_u^*

2 100

 $T^*_{\text{CIELABu7}} = 59(Y/Y_u)^{1/2,5} - 9 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$ $T^*_N(3,6) = 22, T^*_u(18) = 50, T^*_W(90) = 103$

1 10

 $\log[T^*/T_u^*] = 0, m_u = 0,46$ $L^*_u = 49, T^*_u = 50$

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 $\log(Y)$