

$T^*/T^*_u$ CIE LABu9 relative triangle lightness  $T^*/T^*_u$  $Y_{nc} = L^*_w \text{RGB}_{nc} = 100, 52, 87, 31$  $T^*/T^*_u$ 

2 100

 $T^*_{\text{CIE LABu9}} = 37(Y/Y_u)^{1/1,5} + 13 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$  $T^*_N(3,6) = 26, T^*_u(18) = 50, T^*_W(90) = 121$ 

1 10

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

application range

0,1

1

10

 $Y_u = 18$ 

100

 $Y$ 

-2

-1

0

 $Y_N = 3,6$ 

1

 $Y_W = 90$ 

2

 $\log(Y)$