

T^* CIELABn7 triangle lightness T^* $Y_{nc} = L^*_{wRGBnc} = 100, 52, 87, 31$ T^*

4 10000

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

3 1000

 $T^*_{90} = 95,52, \gamma = 2,5, 1/\gamma = 1/2,5 = 0,40$ $T^*_{18} = 46,18, S_n = 108,42, D_n = -8,42$ $T^*_{3,6} = 20,19, T^*_n = 46,18, Y_n = 18$

2 100

 $\log[T^*/T^*_u] = 0, m_u = 0,47$ $L^*_u = 49, T^*_u = 46$ application
range

1

0,1

-1

1

0

10

1

100

2

 $Y_u = 18$ $Y_w = 90$

100

 Y $\log(Y)$