

$T^*$ CIELABn6 triangle lightness  $T^*$ 

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

 $T^*$ 

150

$$T^*_{CIELABn6} = 116(Y/Y_n)^{1/3,0} - 16 \quad (Y_n = 100, Y_{nc}/100 < Y \leq Y_{nc})$$

$$T^*_{N(3,6)} = 23, T^*_{u(18)} = 50, T^*_{W(90)} = 96$$

100

$$T^*_{90} = 96,01, \gamma = 3,0, 1/\gamma = 1/3,0 = 0,33$$

$$T^*_{18} = 49,71, S_n = 115,49, D_n = -15,49$$

$$T^*_{3,6} = 22,55, T^*_n = 49,71, Y_n = 18$$

50

$$T^*_{u} = 49,71, m_u = 50,02$$

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

application range

0,1

10

 $Y_u = 18$ 

100

 $Y$ 

-2

-1

0

 $Y_N = 3,6$ 

1

 $Y_W = 90$ 

2

 $\log(Y)$