

T^*/T^*_u CIELABu9 relative Dreieckshelligkeit T^*/T^*_u $Y_{nc}=L^*_wRGB_{nc}=100, 52, 87, 31$ T^*/T^*_u

2 100

 $T^*_{CIELABu9}=37(Y/Y_u)^{1/1,5}+13 \quad (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$ $T^*_{N(3,6)}=26, T^*_u(18)=50, T^*_{W(90)}=121$

1 10

 $T^*_{90}/T^*_u=2,42, \gamma=1,5, 1/\gamma=1/1,5=0,66$ $T^*_{18}/T^*_u=1,00, S_u=36,98, D_u=13,01$ $T^*_{3,6}/T^*_u=0,51, T^*_u=50,00, Y_u=18$ 0 1 $\log[T^*/T^*_u]=0, m_u=0,49$ $L^*_u=49, T^*_u=50$

Anwendungsbereich

-1 0,1 1 10 100 $Y_u=18$ 100 Y

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