

t^*/t_u^* CIELABu7 relative Dreieckshelligkeit t^*/t_u^* $Y_{nc}=Y_{WRGBnc}=100, 21, 72, 7$ t^*/t_u^*

2 100

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

1 10

 $t^*_{90}/t^*_u=2,05, \gamma=2,5, 1/\gamma=1/2,5=0,40$ $t^*_{18}/t^*_u=1,00, S_u=58,42, D_u=-8,42$ $t^*_{3,6}/t^*_u=0,44, t^*_u=50,00, Y_u=18$

0 1

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

Anwendungsbereich

-1 0 1 2

0,1

1

10

100

 $Y_u=18$ Y $Y_N=3,6$

1

 $Y_W=90$

2

 $\log(Y)$