

t^* CIELABu7-Dreieckshelligkeit t^*

$$Y_{nc} = Y_{WRGBnc} = 100, 21, 72, 7$$

 t^*

4 10000

$$t^*_{CIELABu7} = 59(Y/Y_u)^{1/2,5} - 9 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$t^*_{N(3,6)} = 22, t^*_u(18) = 50, t^*_W(90) = 103$$

3 1000

2 100

$$\log[t^*/t^*_u] = 0, m_u = 0,46$$

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

Anwendungsbereich

1

0,1

1

10

100

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

1

100

 $Y_W = 90$

2

 $\log(Y)$