

$\log(t^*)$

CIELABu5-Dreieckshelligkeit t^*

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

t^*

4 10000

$t^*_{CIELABu5} = 66(Y/Y_u)^{1/3,0} - 16 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$

$t^*_{N(3,6)} = 23, t^*_u(18) = 50, t^*_{W(90)} = 97$

3 1000

$t^*_{90} = 96,50, \gamma = 3,0, 1/\gamma = 1/3,0 = 0,33$

$t^*_{18} = 50,00, S_u = 65,49, D_u = -15,49$

$t^*_{3,6} = 22,72, t^*_u = 50,00, Y_u = 18$

2 100

$\log[t^*/t^*_u] = 0, m_u = 0,43$

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

Anwendungsbereich

1

0,1

1

10

100

$Y_u = 18$

1

$Y_W = 90$

2

Y

$\log(Y)$