

T^*/T^*_u CIELABu7 relative Dreieckshelligkeit T^*/T^*_u

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

T^*/T^*_u

2 100

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

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

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
-2

0,1
-1

1
0

10
1

$Y_u = 18$
 $Y_w = 90$

100
2
 $\log(Y)$