

T^* CIELABu8-Dreieckshelligkeit T^*

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

 T^*

4 10000

$$T^*_{CIELABu8} = 50(Y/Y_u)^{1/2,0} + 1 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$T^*_{N(3,6)} = 23, T^*_u(18) = 50, T^*_{W(90)} = 111$$

3 1000

$$T^*_{90} = 110,83, \gamma = 2,0, 1/\gamma = 1/2,0 = 0,50$$

$$T^*_{18} = 50,00, S_n = 49,21, D_n = 0,78$$

$$T^*_{3,6} = 22,74, T^*_u = 50,00, Y_u = 18$$

2 100

$$\log[T^*/T^*_u] = 0, m_u = 0,49$$

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

Anwendungsbereich

1

0,1

10

1

10

100

Y

Y_u = 18

Y_W = 90

2

log(Y)

-2

-1

0

Y_N = 3,6

1

10

100

Y

Y_u = 18

Y_W = 90

2

log(Y)