

T^* CIELABn9-Dreieckshelligkeit T^*

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

 T^*

4 10000

$$T^*_{CIELABn9} = 87(Y/Y_n)^{1/1,5} + 13 \quad (Y_n = 100, Y_{nc}/100 < Y \leq Y_{nc})$$

$$T^*_{N(3,6)} = 22, T^*_u(18) = 41, T^*_{W(90)} = 94$$

3 1000

$$T^*_{90} = 94,10, \gamma = 1,5, 1/\gamma = 1/1,5 = 0,66$$

$$T^*_{18} = 40,74, S_n = 86,98, D_n = 13,01$$

$$T^*_{3,6} = 22,48, T^*_n = 40,74, Y_n = 18$$

2 100

$$\log[T^*/T^*_u] = 0, m_u = 0,45$$

$$L^*_u = 49, T^*_u = 41$$

Anwendungsbereich

1

0,1

1

10

100

 $Y_u = 18$ $Y_W = 90$ Y

-2

-1

0

 $Y_N = 3,6$

1

2

 $\log(Y)$