

L^* CIELABu3-Normhelligkeit L^* $Y_{nc} = L^*_{wRGBnc} = 100, 52, 87, 31$ L^*

4 10000

 $L^*_{CIELABu3} = 50(Y/Y_u)^{1/2,0} + 1 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$ $L^*_{N(3,6)} = 23, L^*_u(18) = 50, L^*_{W(90)} = 111$

3 1000

 $L^*_{90} = 110,83, \gamma = 2,0, 1/\gamma = 1/2,0 = 0,50$ $L^*_{18} = 50,00, S_u = 49,21, D_u = 0,78$ $L^*_{3,6} = 22,74, L^*_u = 50,00, Y_u = 18$

2 100

 $\log[L^*/L^*_u] = 0, m_u = 0,49$ $L^*_u = 49, L^*_u = 50$

Anwendungsbereich

1

0,1

1

10

100

 $Y_u = 18$

Y

-2

-1

0

 $Y_N = 3,6$

1

2

 $Y_W = 90$ $\log(Y)$