

l^* CIELABu2-Normhelligkeit l^* $Y_{nc} = Y_{WRGBnc} = 100, 21, 72, 7$ l^*
4 10000 $l^*_{CIELABu2} = 59(Y/Y_u)^{1/2,5} - 9 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$ $l^*_{N(3,6)} = 22, l^*_u(18) = 50, l^*_{W(90)} = 103$

3 1000

 $l^*_{90} = 102,79, \gamma = 2,5, 1/\gamma = 1/2,5 = 0,40$ $l^*_{18} = 50,00, S_n = 58,42, D_n = -8,42$ $l^*_{3,6} = 22,19, l^*_u = 50,00, Y_u = 18$

2 100

 $\log[l^*/l^*_u] = 0, m_u = 0,46$ $L^*_u = 49, l^*_u = 50$

Anwendungsbereich

1

0,1

1

10

 $Y_u = 18$

100

 Y

0

 $Y_N = 3,6$

1

 $Y_W = 90$

2

 $\log(Y)$