

L^*/L_u^* CIELABu3 relative Normhelligkeit L^*/L_u^* $Y_{nc} = L^*_w \text{RGB}_{nc} = 100, 52, 87, 31$ L^*/L_u^*

2 100

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

1 10

0 1

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

Anwendungsbereich

0,1

1

10

 $Y_u = 18$

100

 Y $Y_N = 3,6$

1

 $Y_w = 90$

2

 $\log(Y)$