

L^*/L_u^* CIELABn4 relative Normhelligkeit L^*/L_n^* $Y_{nc} = L^*_w \text{RGB}_{nc} = 100, 52, 87, 31$ L^*/L_u^*

2 100

 $L^*_{\text{CIELABn4}} = 87(Y/Y_n)^{1/1,5} + 13 \quad (Y_n = 100, Y_{nc}/100 < Y \leq Y_{nc})$ $L^*_N(3,6) = 22, L^*_u(18) = 41, L^*_w(90) = 94$

1 10

 $L^*_{90}/L^*_u = 2,30, \gamma = 1,5, 1/\gamma = 1/1,5 = 0,66$ $L^*_{18}/L^*_u = 1,00, S_n = 86,98, D_n = 13,01$ $L^*_{3,6}/L^*_u = 0,55, L^*_n = 40,74, Y_n = 18$

0 1

 $\log[L^*/L_u^*] = 0, m_u = 0,45$ $L^*_u = 49, L^*_u = 41$

Anwendungsbereich

0,1

1

10

 $Y_u = 18$

100

 Y $Y_N = 3,6$

1

 $Y_w = 90$

2

 $\log(Y)$