

L^*/L^*_u IECsRGBu3 relative Normhelligkeit L^*/L^*_u

$Y_{nc} = L^*_w \text{RGB}_{nc} = 100, 52, 87, 31$

L^*/L^*_u

2 100

$L^*_{IECsRGBu3} = 50 (Y/Y_u)^{1/1,6} \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$

$L^*_N(3,6) = 18, L^*_u(18) = 50, L^*_w(90) = 137$

1 10

$L^*_{90}/L^*_u = 2,73, \gamma = 1,6, 1/\gamma = 1/1,6 = 0,62$

$L^*_{18}/L^*_u = 1,00, S_n = 50,00, D_n = -0,00$

$L^*_{3,6}/L^*_u = 0,36, L^*_u = 50,00, Y_u = 18$

0 1

$\log[L^*/L^*_u] = 0, m_u = 0,62$

$L^*_u = 49, L^*_u = 50$

Anwendungsbereich

