

$\log(l^*/l_u^*)$

CIELABn0 relative Normhelligkeit l^*/l_n^*

$Y_{nc} = Y_{wRGBnc} = 100, 21, 72, 7$

l^*/l_u^*
2 100

$l_{CIELABn0}^* = 116(Y/Y_n)^{1/3,0} - 16 \quad (Y_n = 100, Y_{nc}/100 < Y \leq Y_{nc})$

$l_{N(3,6)}^* = 23, l_u^*(18) = 50, l_{W(90)}^* = 96$

1 10

$l_{90}^*/l_u^* = 1,93, \gamma = 3,0, 1/\gamma = 1/3,0 = 0,33$

$l_{18}^*/l_u^* = 1,00, S_n = 115,49, D_n = -15,49$

$l_{3,6}^*/l_u^* = 0,45, l_n^* = 49,71, Y_n = 18$

0 1

$\log[l^*/l_u^*] = 0, m_u = 0,43$

$L_u^* = 49, l_u^* = 50$

Anwendungsbereich

