

l^*/l_u^* CIELABn1 relative Normhelligkeit l^*/l_n^* $Y_{nc}=Y_W \text{RGB}_{nc}=100, 21, 72, 7$ l^*/l_u^*

3

 $l_{CIELABn1}^*=116(Y/Y_n)^{1/3,0}-16 \quad (Y_n=100, Y_{nc}/100 < Y \leq Y_{nc})$ $l_{N(3,6)}^*=23, l_u^*(18)=50, l_W^*(90)=96$

2

 $l_{90}^*/l_u^*=1,93, \gamma=3,0, 1/\gamma=1/3,0=0,33$ $l_{18}^*/l_u^*=1,00, S_n=115,49, D_n=-15,49$ $l_{3,6}^*/l_u^*=0,45, l_n^*=49,71, Y_n=18$

1

Anwendungsbereich

 $l^*/l_u^*=0,1 m_u=-0,32$ 10 $Y_u=18$ 100 Y $L_n^*=49, l_n^*=50$ $Y_N=3,6$ 1 $Y_W=90$ 2 $\log(Y)$