

l^*/l_u^* CIELABu1 relative Normhelligkeit l^*/l_u^* $Y_{nc} = Y_W \text{RGB}_{nc} = 100, 21, 72, 7$ l^*/l_u^*

3

 $l_{\text{CIELABu1}}^* = 66(Y/Y_u)^{1/3,0} - 16 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$ $l_N^*(3,6) = 23, l_u^*(18) = 50, l_W^*(90) = 97$

2

1

Anwendungsbereich

 $l^*/l_u^* = 1, m_u = -0,32$ 10 $Y_u = 18$ 100 Y $L_u^* = 49, l_u^* = 50$

0

 $Y_N = 3,6$ 1 $Y_W = 90$ 2 $\log(Y)$