

l^*/l_u^* CIELABu3 relative Normhelligkeit l^*/l_u^* $Y_{nc} = Y_{wRGBnc} = 100, 21, 72, 7$ l^*/l_u^*

2 100

 $l_{CIELABu3}^* = 50 (Y/Y_u)^{1/2,0} + 1 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$ $l_N^*(3,6) = 23, l_u^*(18) = 50, l_w^*(90) = 111$

1 10

0 1

 $\log[l^*/l_u^*] = 0, m_u = 0,49$ $L_u^* = 49, l_u^* = 50$

Anwendungsbereich

0,1

1

10

100

 $Y_u = 18$

100

 Y

-1

0

 $Y_N = 3,6$

1

 $Y_w = 90$

2

 $\log(Y)$