

L^* CIELABu1-Normhelligkeit L^*

$$Y_{nc} = L^* w_{RGBnc} = 100, 52, 87, 31$$

 L^*

150

$$L^*_{CIELABu1} = 66(Y/Y_u)^{1/3,0} - 16 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$$

$$L^*_{N(3,6)} = 23, L^*_u(18) = 50, L^*_W(90) = 97$$

100

$$L^*_u = 50,00, m_u = 50,24$$

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

Anwendungsbereich

0,1

-1

0

 $Y_N = 3,6$

10

1

100

2

 $Y_u = 18$ Y $\log(Y)$