

$\log(l^*)$

CIELABn0-Normhelligkeit  $l^*$

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

$l^*$   
4  
10000

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

$l^*_{N(3,6)} = 23, l^*_u(18) = 50, l^*_{W(90)} = 96$

3  
1000

$l^*_{90} = 96,01, \gamma = 3,0, 1/\gamma = 1/3,0 = 0,33$

$l^*_{18} = 49,71, S_n = 115,49, D_n = -15,49$

$l^*_{3,6} = 22,55, l^*_n = 49,71, Y_n = 18$

2  
100

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

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

Anwendungsbereich

1  
-2  
-1  
0  
1  
10  
100  
Y  
 $Y_N = 3,6$   
 $Y_u = 18$   
 $Y_W = 90$   
2  
 $\log(Y)$