

$\log(l^*)$

IECsRGBu0-Normhelligkeit l^*

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

l^*

4 10000

$l^*_{IECsRGBu0} = 50 (Y/Y_u)^{1/2,4} \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$

$l^*_{N(3,6)} = 26, l^*_u(18) = 50, l^*_{W(90)} = 98$

3 1000

$l^*_{90} = 97,77, \gamma = 2,4, 1/\gamma = 1/2,4 = 0,41$

$l^*_{18} = 50,00, S_u = 50,00, D_u = -0,00$

$l^*_{3,6} = 25,51, l^*_u = 50,00, Y_u = 18$

2 100

$\log[l^*/l^*_u] = 0, m_u = 0,41$

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

Anwendungsbereich

1

0,1

10

100

$Y_u = 18$

Y

-2

-1

0

$Y_N = 3,6$

1

2

$Y_W = 90$

100

Y

$\log(Y)$