

$\log(\Delta Y/\Delta Y_u)$

IECsRGBu3 relative
Normfarbwertdifferenz

$Y_{nc} = Y_{W\text{RGB}_{nc}} = 100, 21, 72, 7$

$l^*_{\text{IECsRGBu3}} = 50 (Y/Y_u)^{1/1,6} \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$

$\log(dY/dY_u) = [1 - (1/1,6)] \log(Y/Y_u)$

2
100

1
10

0
1

$l^*_u = 50, dY_u = 3,20, dY_u/Y_u = 0,1777$

$\log[(dY)/(dY)_u] = 0, m_u = 0,37$

Anwendungs-
bereich

-1
-2

0,1
-1

1
0

10
1

100
2

$Y_u = 18$

$Y_W = 90$

Y
 $\log(Y)$

$Y_N = 3,6$

$Y_W = 90$