

$\log [(Y/\Delta Y) / (Y/\Delta Y)_u]$

IECsRGBu1 relativer
Normfarbwertkontrast

$Y_{nc} = L^*_{wRGBnc} = 100, 52, 87, 31$

$C_r/C_{ru} = (Y/\Delta Y)/(Y/\Delta Y)_u$
 $L^*_{IECsRGBu1} = 50 (Y/Y_u)^{1/2,4} \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$

$\log[(Y/dY)/(Y/dY)_u] = (1/2,4) \log(Y/Y_u)$

2
100
1
10
0
1
-1
-2

$\log[(Y/dY)/(Y/dY)_u] = 0, m_u = 0,41$

$L^*_u = 50, dY_u = 4,80, Y_u/dY_u = 3$

Anwendungs-
bereich

0,1 1 10 100 Y
Y_N=3,6 1 Y_W=90 2 log(Y)