

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

IECsRGBu2 relative
Normfarbwertdifferenz

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

$\Delta Y/\Delta Y_u$

2 100

$L^*_{IECsRGBu2} = 50 (Y/Y_u)^{1/2,0}$ ($Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc}$)

$\log(dY/dY_u) = [1 - (1/2, 0)] \log(Y/Y_u)$

1 10

0 1 $L^*_u = 50, dY_u = 4,00, dY_u/Y_u = 0,2222$

$\log[(dY)/(dY)_u] = 0, m_u = 0,49$

Anwendungs-
bereich

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