

$\log(\Delta Y)$

IECsRGBu4

Normfarbwertdifferenz

$Y_{nc} = L^*_{WRGBnc} = 100, \textcolor{red}{52}, \textcolor{blue}{87}, \textcolor{green}{31}$

ΔY

2 100

$L^*_{IECsRGBu4} = 50(Y/Y_u)^{1/1,2} (Y_u=18, Y_{nc}/100 < Y \leq Y_{nc})$

$\log(dY) = (1/1,2) \log[1,2(Y_u/50)] + [1-(1/1,2)] \log(Y)$

1 10

0 -1

$L^*_{u}=50, dY_u=2,40, dY_u/Y_u=0,1333$

$\log(dY)=2,40, m_{..}=0,1333$

1

0

-1

-2

-3

-4

-5

-6

-7

-8

-9

-10

0,1

1

10

-2

-1

0

$Y_N=3,6$

1

$Y_u=18$

100

$Y_W=90$

2

1

0

$\log(Y)$

Anwendungs-
bereich