

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

CIELABu2 relative

Normfarbwertempfindlichkeit

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

$S_r/S_{ru} = (\Delta Y/Y) / (\Delta Y/Y)_u$

$L^*_{CIELABu2} = 59 (Y/Y_u)^{1/2,5} - 9$ ($Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc}$)

$\log[(dY/Y)/(dY/Y)_u] = - (1/2,5) \log(Y/Y_u)$

2
100

1
10

0
1

-1
-2

$\log[(dY/Y)/(dY/Y)_u] = 0, m_u = -0,39$

$L^*_u = 50, dY_u = 4,27, dY_u/Y_u = 0,2377$

Anwendungs-
bereich

0,1

1

10

100

$Y_u = 18$

100

Y

$Y_N = 3,6$

1

10

100

$Y_W = 90$

2

log(Y)