

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

CIELABn9 relative

Normfarbwertempfindlichkeit

$Y_{nc} = Y_{WRGBnc} = 100, 21, 72, 7$

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

$t^*_{CIELABn9} = 87 (Y/Y_n)^{1/1,5} + 13 \quad (Y_n = 100, Y_{nc}/100 < Y \leq Y_{nc})$

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

2
100

$(dY/Y)_{90} / (dY/Y)_u = 0,34, \gamma = 1,5, 1/\gamma = 1/1,5 = 0,66$

$(dY/Y)_{18} / (dY/Y)_u = 0,90, S_n = 86,98, D_n = 13,01$

$(dY/Y)_{3,6} / (dY/Y)_u = 2,9, Y_n = 100, dY_n = 5,40$

Anwendungsbereich

1
10

$\log[(dY/Y)/(dY/Y)_u] = 0, m_u = -0,66$

$t^*_u = 41, dY_u = 5,40, dY_u/Y_u = 0,3005$

0
1

0,1

1

10

100

$Y_u = 18$

Y

-1

-1

0

$Y_N = 3,6$

1

$Y_W = 90$

2

$\log(Y)$