

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

CIELABu2 relative

Normfarbwertdifferenz

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

$\Delta Y/\Delta Y_u$

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

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

2
1
0
-1

$dY_{90}/dY_u = 2,62, \gamma = 2,5, 1/\gamma = 1/2,5 = 0,40$

$dY_{18}/dY_u = 1,00, S_n = 58,42, D_n = -8,42$

$dY_{3,6}/dY_u = 0,37, Y_u = 18, dY_u = 4,27$

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

$\log[(dY)/(dY)_u] = 0, m_u = 0,60$

Anwendungs-
bereich

0,1

1

10

100

$Y_u = 18$

100

Y

-2

-1

0

$Y_N = 3,6$

1

$Y_W = 90$

2

$\log(Y)$