log [(ΔY/Y) / (ΔY/Y)_u]

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

CIELABu0 relative Normfarbwertempfindlichkeit

$Y_{nc} = Y_W R_8 B_{nc}, Y_N = 100, 2_1, 12_7$

$l^*_{CIELABu0} = 66 (Y/Y_u)^{1/3,0} - 16$ $(Y_u = 18, Y_{nc}/100 < Y <= Y_{nc})$

$\log[(dY/Y)/(dY/Y)_u] = -(1/3,0)\log Y/Y_u$

$(dY/Y)_{90}/(dY/Y)_u = 0,58, \gamma = 3,0, 1/\gamma = 1/3,0 = 0,33$

$(dY/Y)/(dY/Y)_u = 1,00, S_0 = 65,49, D_0 = -15,49$

$(dY/Y)_{3,6}/(dY/Y)_u = 1,70, Y_u = 18, dY_u = 4,58$

Anwendungsbereich

$\log[(dY/Y)/(dY/Y)_u] = 0, m_u = -0,33$

$l^*_u = 50, dY_u = 4,58, dY_u/Y_u = 0,2544$

$Y_N = 3,6$ $Y_u = 18$

$Y_W = 90$

log(Y)