

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

CIELABn6 relativer  
Normfarbwertkontrast

$C_r/C_{ru} = (Y/\Delta Y) / (Y/\Delta Y)_u$

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

2 100

$t^*_{CIELABn6} = 116 (Y/Y_n)^{1/3,0} - 16 \quad (Y_n = 100, Y_{nc}/100 < Y \leq Y_{nc})$

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

1 10

$(Y/dY)_{90} / (Y/dY)_u = 1,70, \gamma = 3,0, 1/\gamma = 1/3,0 = 0,33$

$(Y/dY)_{18} / (Y/dY)_u = 1,00, S_n = 115,49, D_n = -15,49$

$(Y/dY)_{3,6} / (Y/dY)_u = 0,58, Y_n = 100, dY_n = 4,60$

0 1

$\log[(Y/dY)/(Y/dY)_u] = 0, m_s = 0,53$

$t^*_u = 50, dY_u = 4,60, Y_u/dY_u = 1$

--- Anwendungs-  
bereich

-1 0,1 1 10 100 Y  
-2 -1 0  $Y_N = 3,6$  1  $Y_W = 90$  2  $Y_u = 18$   $\log(Y)$