

$\log(Y/\Delta Y)$

CIELABu8

Normfarbwertkontrast

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

$C_r = (Y/\Delta Y)$

2 100

$T^*_{CIELABu8} = 50(Y/Y_u)^{1/2,0} + 1 \quad (Y_u = 18, Y_{nc}/100 < Y \leq Y_{nc})$

$\log(Y/dY) = -\log[2,0(Y_u/49)] + (1/2,0) \log(Y/Y_u)$

$= -(1/2,0) \log[2,0(Y_u/49)] + (1/2,0) \log(Y)$

1 10

$T^*_u = 50, dY_u = 4,06, Y_u/dY_u = 4$

$\log(Y/dY) = 0,64, m_u = 0,50$

0 1

--- Anwendungs-
bereich

-1 0,1 1 10 100 $Y_u = 18$ 100 Y

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