log (*Y*/Δ*Y*)

$C_p = (Y/\Delta Y)$

CIELABn7
tristimulus value contrast
$Y_{nc} = L^* w_{R}$ B_{nc} = 100, 52, 83, 31

$T^*{\rm CIELABn7} = 109\,(Y/Y_u)^{1/2,5} - 9$ ($Y_n = 100$, $Y_{nc}/100 < Y <= Y_{nc}$)

$\log(Y/dY) = -\log[2,5(Y_u/108)] + (1/2,5)\log(Y/Y_u)$

$\quad\quad\quad\quad = -(1/2,5)\log[2,5(Y_u/108)] + (1/2,5)\log(Y)$

$T^*_u = 46$, $dY_u = 4,57$, $Y_u/dY_u = 3$

$\log(Y/dY) = 0,59$, $m_u = 0,3$

$(Y/dY)_{90} = 7,48$, $\gamma = 2,5$, $1/\gamma = 1/2,5 = 0,40$
$(Y/dY)_{18} = 3,93$, $S_{Yn} = 108,42$, $D_n = -8,42$
$(Y/dY)_{3,6} = 2,06$, $\overline{Y}_n = 100$, $dY_n = 4,57$

application
range

$Y_N = 3,6$ $Y_W = 90$

BEZ71–7A