CIELABbn5
tristimulus value sensitivity
$Y_{nc} = Y_{WR G B nc}/100,$ **2I, 12:7**

$\log (\Delta Y/Y)$
$S_r = (\Delta Y/Y)$

$t^*\text{CIELABbn5} = 116(Y/Y_n)^{1/3,0} - 16$ $(Y_n = 100, Y_{nc}/100 < Y <= Y_{nc})$

$\log(dY/Y) = \log[3,0(Y_u/115)] - (1/3,0) \log(Y/Y_u)$

$= (1/3,0) \log[3,0(Y_u/115)] - (1/3,0) \log(Y)$

$\log(dY/Y) = -0,5289...$

$t^*\text{CIELABbn5} = 50, dY_u = 4,60, dY_u/Y_u = 0,288$

application range

$(dY/Y)_{90} = 0,1494, \gamma = 3,0, 1/\gamma = 1/3,0 = 0,33$
$(dY/Y)_{18} = 0,2555, S_{tn} = 115,49, D_n = 115,49$
$(dY/Y)_{3,6} = 0,4361, Y_u = 100, dY_u = 4,60$

$0,1$ 1 10 $Y_{18} = 18$ 100 Y
$Y_N = 3,6$ 1 $Y_W = 90$

$\log(Y)$

BEZ50-5A