

log ( $\Delta Y/Y$ )

LABJNDu2

tristimulus value sensitivity

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

$S_r = (\Delta Y/Y)$

0 -1

$L^*_{LABJNDu2} = \ln(A_{1n} + A_{2n}Y)/(A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$

$L^*_{LABJNDu2} = \ln(A_{1n} + A_{2u}x)/(A_{2u}A_{0n}) \quad (x = Y/Y_u)$

$dY/Y = A_{0n}(A_{1n} + A_{2n}Y)/Y = A_{0n}(A_{1n} + A_{2u}x)/Y$

-1 0,1  $(dY/Y)_{90} = 0,0075, A_{0n} = 1,5, A_{2u} = 0,0876, c_x = 0,84$

$(dY/Y)_{18} = 0,0034, A_{1n} = 0,014, A_{2n} = 0,0048$

$(dY/Y)_{3,6} = 0,0132, Y_u = 18, dY_u = 0,15$

-2 0,01  $\log(dY/Y) = -2,07, m_u = -0,15$

$L^*_u = 396, dY_u = 0,15, dY_u/Y_u = 0,0084$

application  
range

-3 -2 -1 0 1 10 100  $x_u = 1$   $x_N = 0,2$   $x_W = 5$   $Y$   $\log(Y)$