

log (Y/ΔY)

LABJND<sub>u9</sub>

tristimulus value contrast

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

$C_r = (Y/\Delta Y)$

4  
10000

$t^*_{LABJNDu9} = \ln(A_{1n} + A_{2n}Y) / (A_{2n}A_{0n}) \quad (Y_{nc}/100 < Y \leq Y_{nc})$

$t^*_{LABJNDu9} = \ln(A_{1n} + A_{2u}x) / (A_{2u}A_{0n}) \quad (x = Y/Y_u)$

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

3  
1000

2  
100  
 $t^*_u = 332, dY_u = 0,16, Y_u/dY_u = 107$

$\log(Y/dY) = 2,03, m_u = 0,06$

application  
range

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