

$\log(Y/\Delta Y)$

LABJNDu9

tristimulus value contrast

$Y_{nc} = L^* W_{RGB} = 100, 52, 87, 31$

$C_r = (Y/\Delta Y)$

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

$(Y/dY)_{90} = 253,97, A_{0n} = 1,5, A_{2u} = 0,0438, c_x = 0,42$

$(Y/dY)_{18} = 197,21, A_{1n} = 0,017, A_{2n} = 0,0024$

$T^*_u = 79,1, dT^*_u = 0,09, Y_u/dY_u = 199,09$

2  
100

$\log(Y/dY) = 2,29, m_u = 0,26$

application range

1  
-2 -1 0 1 10 100 y  
x<sub>N</sub> = 0,2 1 x<sub>W</sub> = 5 2 log(Y)