

$\log(\Delta Y/\Delta Y_n)$

CIELABn7 relative

tristimulus value difference

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

$\Delta Y/\Delta Y_u$

2  
100

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

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

1  
10

$dY_{90}/dY_u = 2,62, \gamma = 2,5, 1/\gamma = 1/2,5 = 0,40$

$dY_{18}/dY_u = 1,00, S_n = 108,42, D_n = -8,42$

$dY_{3,6}/dY_u = 0,37, Y_n = 100, dY_n = 4,57$

0  
1

$T^*_u = 46, dY_u = 4,57, dY_u/Y_u = 0,2543$

$\log[(dY)/(dY)_u] = 0, m_u = 0,59$

application  
range

