

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

CIE tristimulus value difference

ΔY normalized to ΔY_u

$\Delta Y / \Delta Y_u$

2 $100L^*_{85,2} = (t/a) \ln (1 + a \cdot Y)$ [1d]

$a=0,3411 \quad t=88,23 \quad t/a=258,6 \quad b=6,141$ [2d]

normalized tristimulus value Y difference

$dY/dY_u = (1 + a \cdot Y) / (1 + a \cdot Y_u)$ [3d]

1 10

0,691

$Y_u=18, dY_u=0,08, (dY/Y_u)=0,004$

$\log[(dY)/(dY_u)]=0, m_u=0,86$

0 1

-0,726

application range

0,1

10

$Y_u=18 \quad 100 \quad Y$

-1 -2 -1 0 1 2 $\log Y$