

$\Delta Y/\Delta Y_u$ CIE tristimulus value difference

$\Delta Y/\Delta Y_u$ ΔY normalized to ΔY_u

6 $L^*_{85,2} = (t/a) \ln(1 + a \cdot Y)$ [1d]

$a=0,3411$ $t=88,23$ $t/a=258,6$ $b=6,141$ $4,917$ [2d]

normalized tristimulus value Y difference

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

4

2

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

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

application range

0

0,1

0,187

10

$Y_u=18$ 100 Y

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