log[(Y/ΔY) / (Y/ΔY)$_u$]

CIE Y-based contrast normalized to $Y_u/\Delta Y_u$

$C_r/C_{ru} = (Y/\Delta Y)/(Y/\Delta Y)_u$

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

a=0,3411   t=88,23   t/a=258,6   **[2h]**

tristimulus value Y contrast

$(Y/dY) / (Y_u dY_u)$

     $= [Y / (1 + a \cdot Y)] / [Y_u / (1 + a \cdot Y_u)]$ **[4h]**

$L^*_{85,2,u}=508$, $Y_u=18$, $dY_u=0,08$, $(Y/dY_u)=222$

$\log[(Y/\Delta Y)_u/(Y/dY)_u]=0$, $m_u=0,13$

10

0,052

$-0,528$

1

0,1

10 $^0Y_u=18$ **100** Y

application range

log Y

hec60–4a