

$\Delta Y/Y$ 

## CIE Y sensitivity

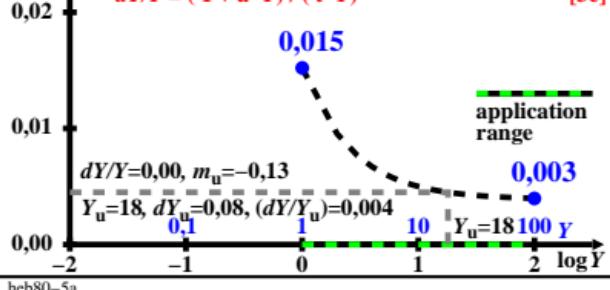
$S_r = \Delta Y/Y$

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

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

tristimulus value Y sensitivity

$dY/Y = (1 + a \cdot Y) / (t \cdot Y) \quad [3e]$



heb80-5a

 $Y/\Delta Y$ 

## CIE Y-based contrast

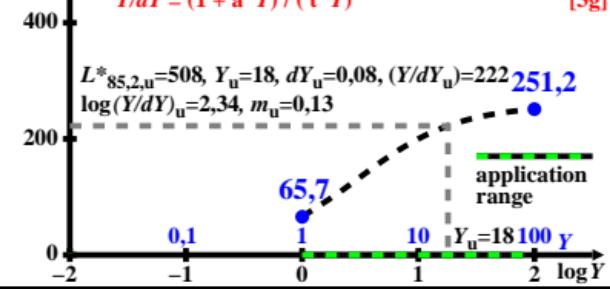
$C_r = Y/\Delta Y$

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

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

tristimulus value Y contrast

$Y/dY = (1 + a \cdot Y) / (t \cdot Y) \quad [3g]$



heb80-7a

 $\Delta Y/Y$  $\Delta Y/Y$ CIE Y sensitivity normalized to  $\Delta Y_u/Y_u$ 

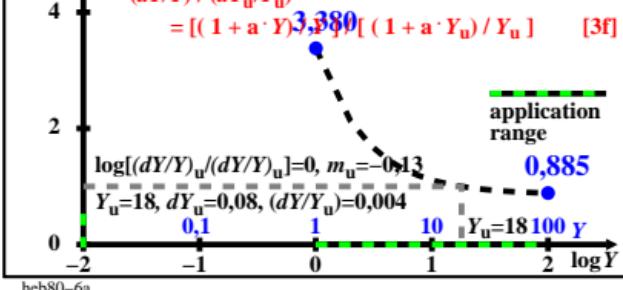
$S_r/S_{ru} = (\Delta Y/Y) / (\Delta Y_u/Y_u)$

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

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

tristimulus value Y sensitivity

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



heb80-6a

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

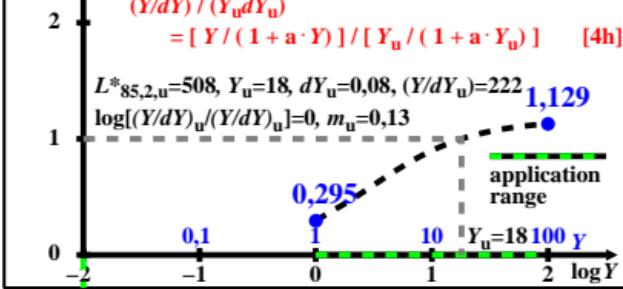
$C_r/C_{ru} = (Y/\Delta Y) / (Y_u/\Delta Y_u)$

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

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

tristimulus value Y contrast

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



heb80-8a

heb80-7n