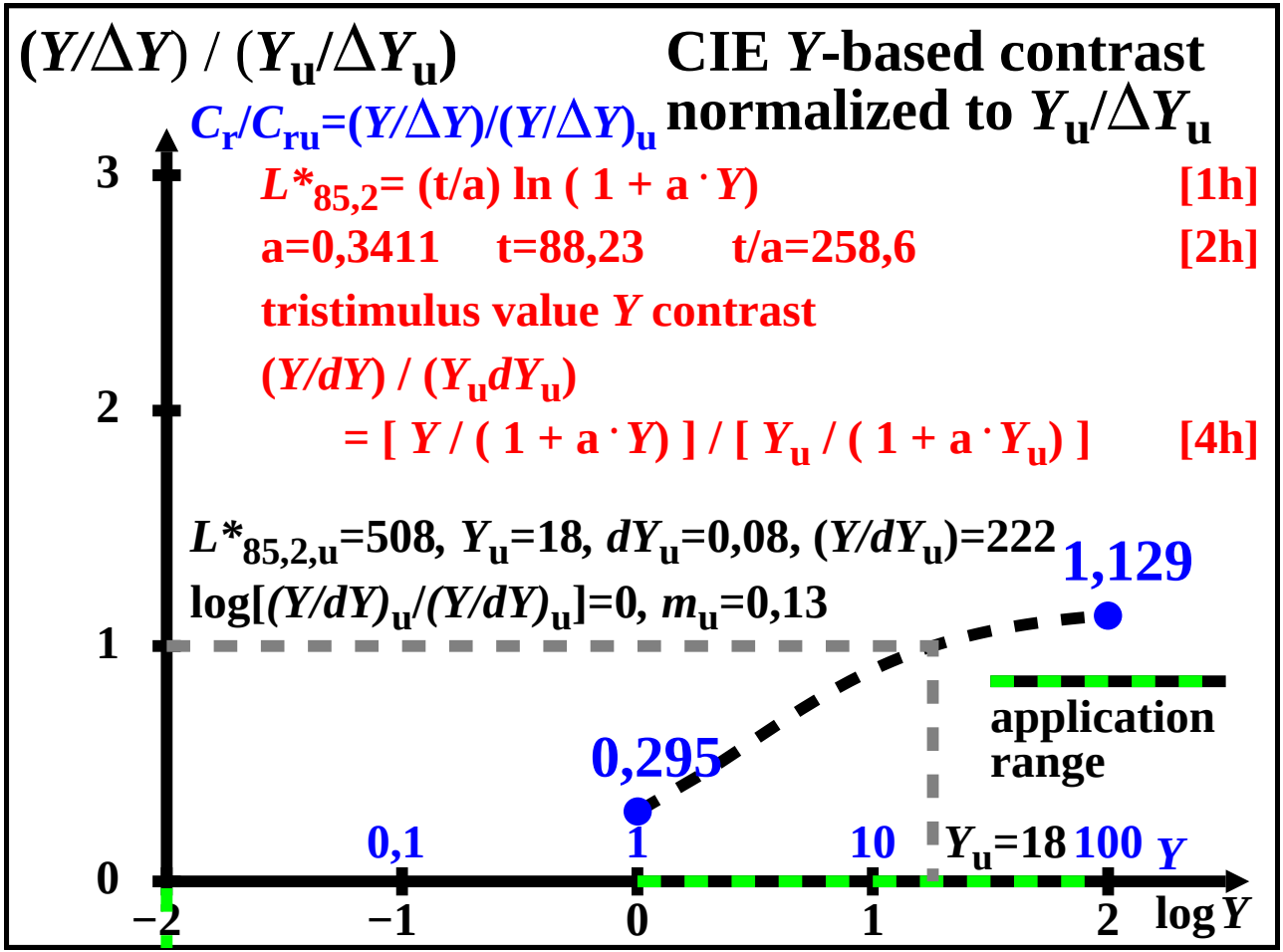
(Y/ΔY) / (Yu/ΔYu)
CIE Y-based contrast normalized to Yu/ΔYu
Cr/Cru=(Y/ΔY)/(Y/ΔY)u
L*85,2= (t/a) ln (1 + a · Y) [1h]
a=0,3411 t=88,23 t/a=258,6 [2h]
tristimulus value Y contrast
(Y/dY) / (YudYu)
= [Y / (1 + a · Y)] / [Yu / (1 + a · Yu)] [4h]
L*85,2,u=508, Yu=18, dYu=0,08, (Y/dYu)=222
log[(Y/dY)u/(Y/dY)u]=0, mu=0,13
1,129
0,295
application range
0,1
1
10
Yu=18
100
Y
log Y
3
2
1
0
−2
−1
0
1
2

heb80−8a