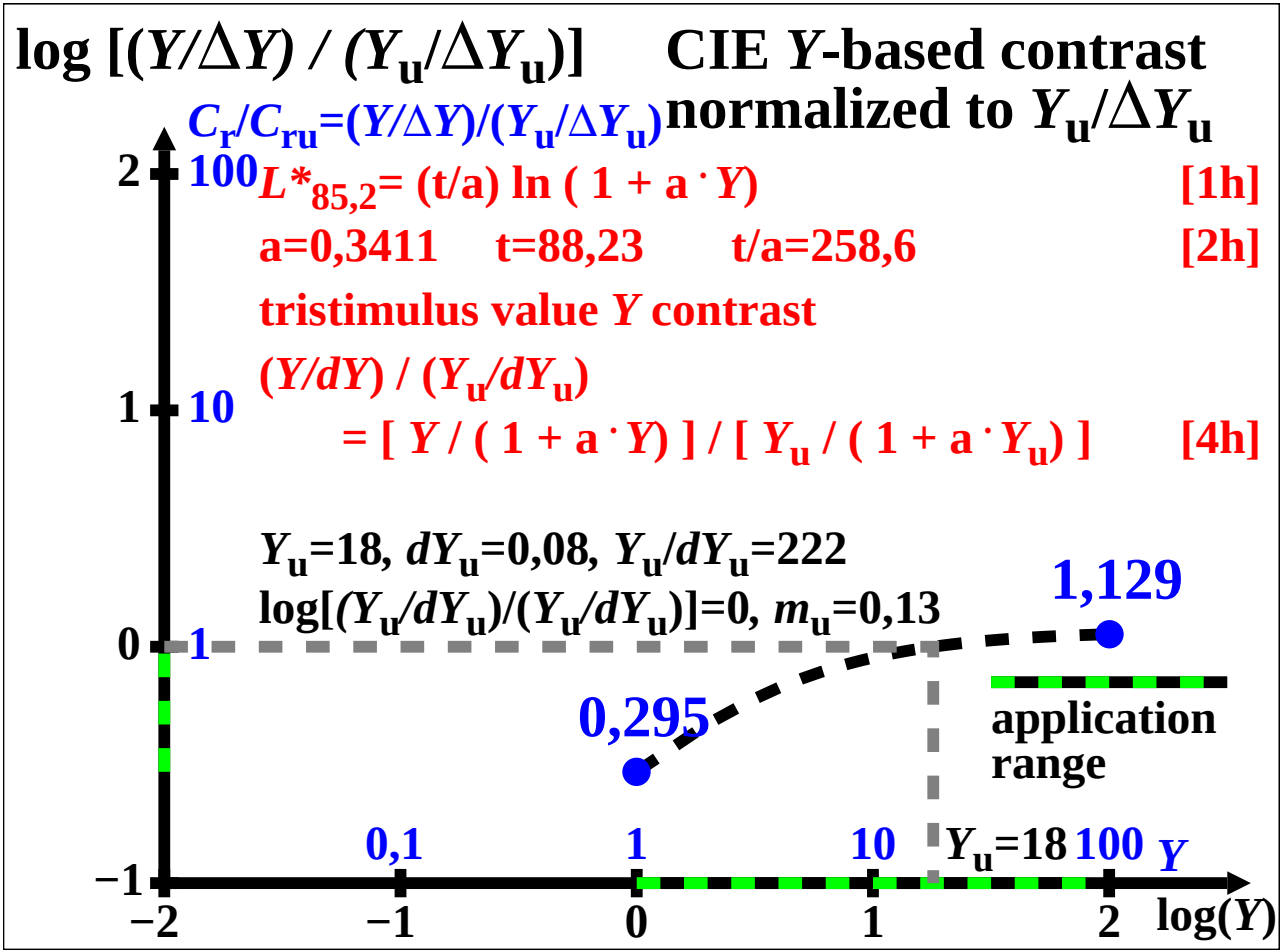
log [(Y/ΔY) / (Yu/ΔYu)]
CIE Y-based contrast normalized to Yu/ΔYu
Cr/Cru=(Y/ΔY)/(Yu/ΔYu)
2
100
L*85,2= (t/a) ln (1 + a · Y) [1h]
a=0,3411 t=88,23 t/a=258,6 [2h]
tristimulus value Y contrast
(Y/dY) / (Yu/dYu)
= [Y / (1 + a · Y)] / [Yu / (1 + a · Yu)] [4h]
1
10
Yu=18, dYu=0,08, Yu/dYu=222
log[(Yu/dYu)/(Yu/dYu)]=0,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