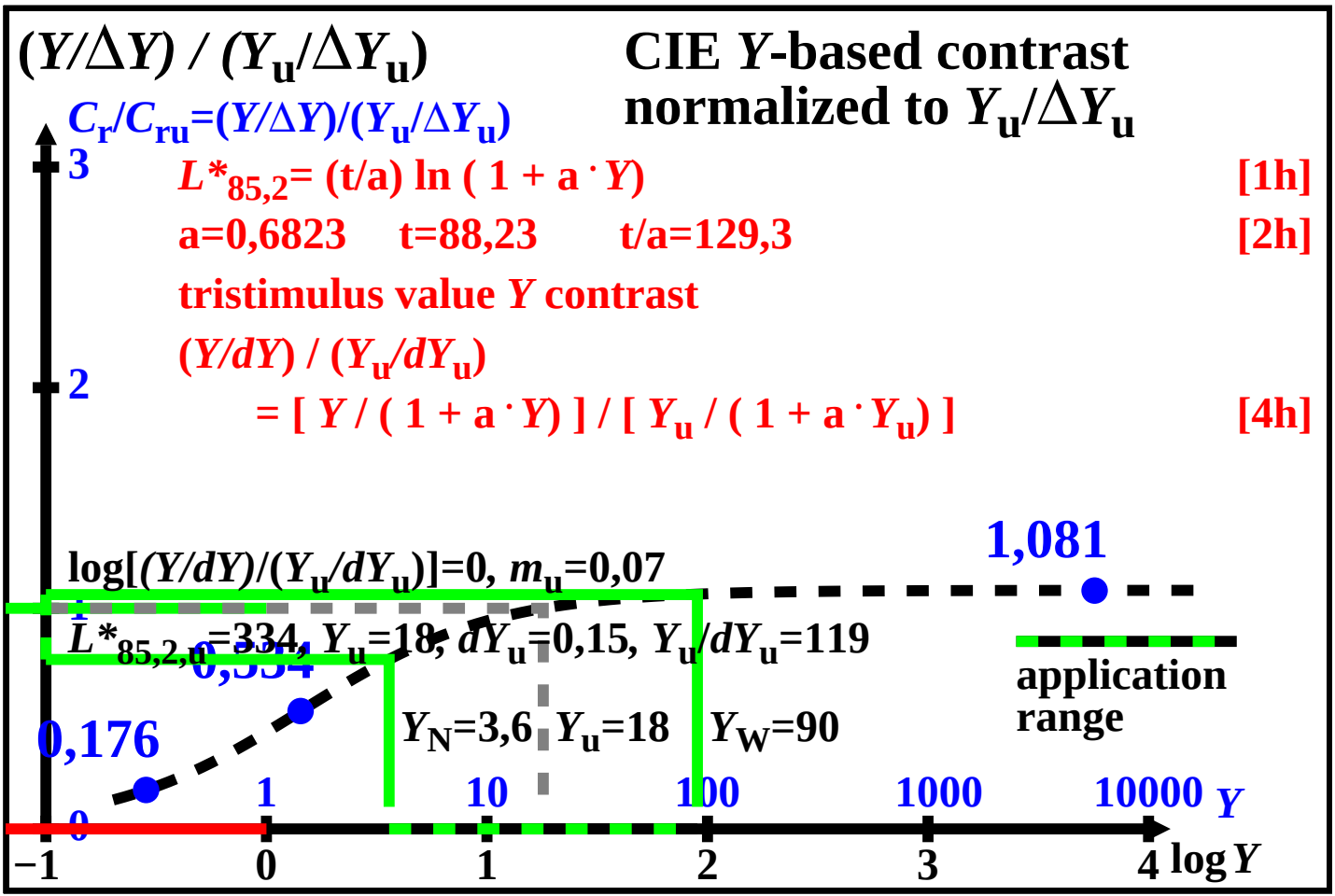
(Y/ΔY) / (Yu/ΔYu)
CIE Y-based contrast normalized to Yu/ΔYu
Cr/Cru=(Y/ΔY)/(Yu/ΔYu)
3
L*85,2= (t/a) ln (1 + a · Y)
[1h]
a=0,6823 t=88,23 t/a=129,3
[2h]
tristimulus value Y contrast
(Y/dY) / (Yu/dYu)
= [Y / (1 + a · Y)] / [Yu / (1 + a · Yu)]
[4h]
2
log[(Y/dY)/(Yu/dYu)]=0, mu=0,07
1,081
L*85,2,u=334, Yu=18, dYu=0,15, Yu/dYu=119
application range
0,554
0,176
YN=3,6 Yu=18 YW=90
1
10
100
1000
10000 Y
0
−1
0
1
2
3
4 log Y

CEA80−8A