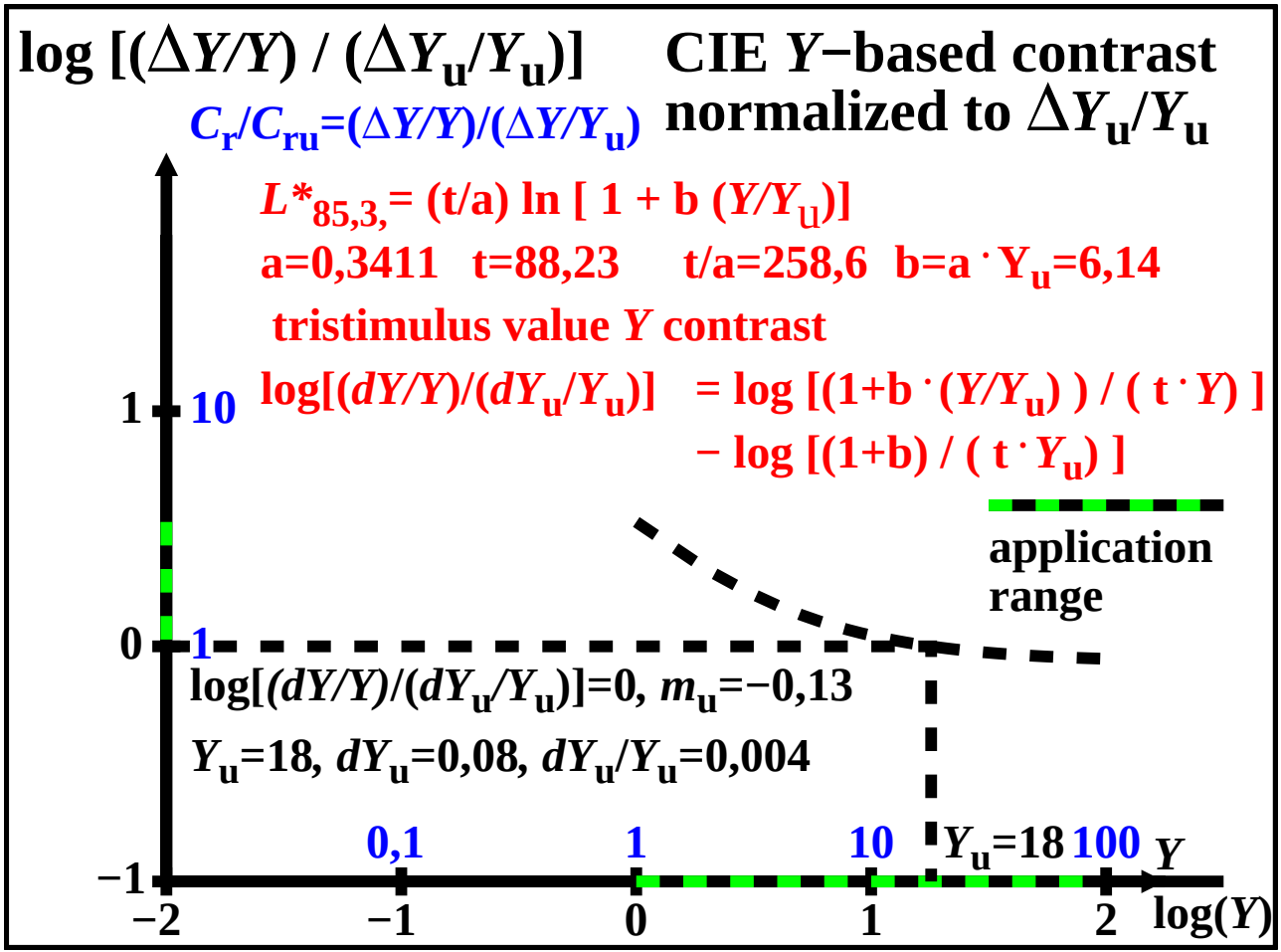
log [(ΔY/Y) / (ΔYu/Yu)]
CIE Y−based contrast normalized to ΔYu/Yu
Cr/Cru=(ΔY/Y)/(ΔY/Yu)
L*85,3,= (t/a) ln [1 + b (Y/Yu)]
a=0,3411 t=88,23 t/a=258,6 b=a · Yu=6,14
tristimulus value Y contrast
log[(dY/Y)/(dYu/Yu)] = log [(1+b · (Y/Yu)) / (t · Y)]
− log [(1+b) / (t · Yu)]
application range
log[(dY/Y)/(dYu/Yu)]=0, mu=−0,13
Yu=18, dYu=0,08, dYu/Yu=0,004
1
10
0
1
−1
0,1
1
10
Yu=18
100
Y
−2
−1
0
1
2
log(Y)

ZE710−6A_1