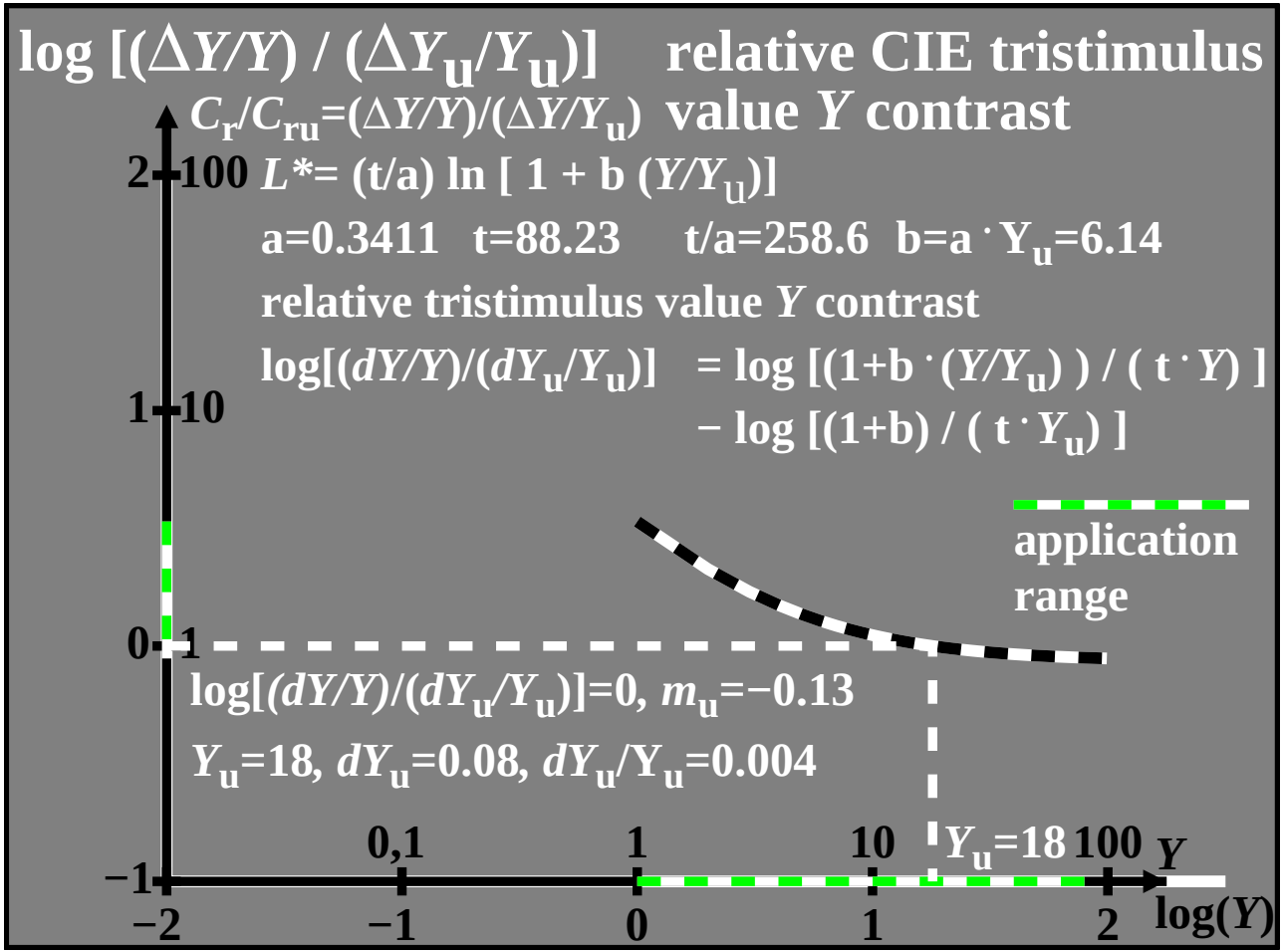
log [(ΔY/Y) / (ΔYu/Yu)]
relative CIE tristimulus value Y contrast
Cr/Cru=(ΔY/Y)/(ΔY/Yu)
L*= (t/a) ln [1 + b (Y/Yu)]
a=0.3411 t=88.23 t/a=258.6 b=a · Yu=6.14
relative tristimulus value Y contrast
log[(dY/Y)/(dYu/Yu)] = log [(1+b · (Y/Yu)) / (t · Y)]
− log [(1+b) / (t · Yu)]
application range
log[(dY/Y)/(dYu/Yu)]=0, mu=−0.13
Yu=18, dYu=0.08, dYu/Yu=0.004
Yu=18
Y
log(Y)
2
100
1
10
0
1
−1
0,1
1
10
100
−2
−1
0
1
2

WE541−6A_1