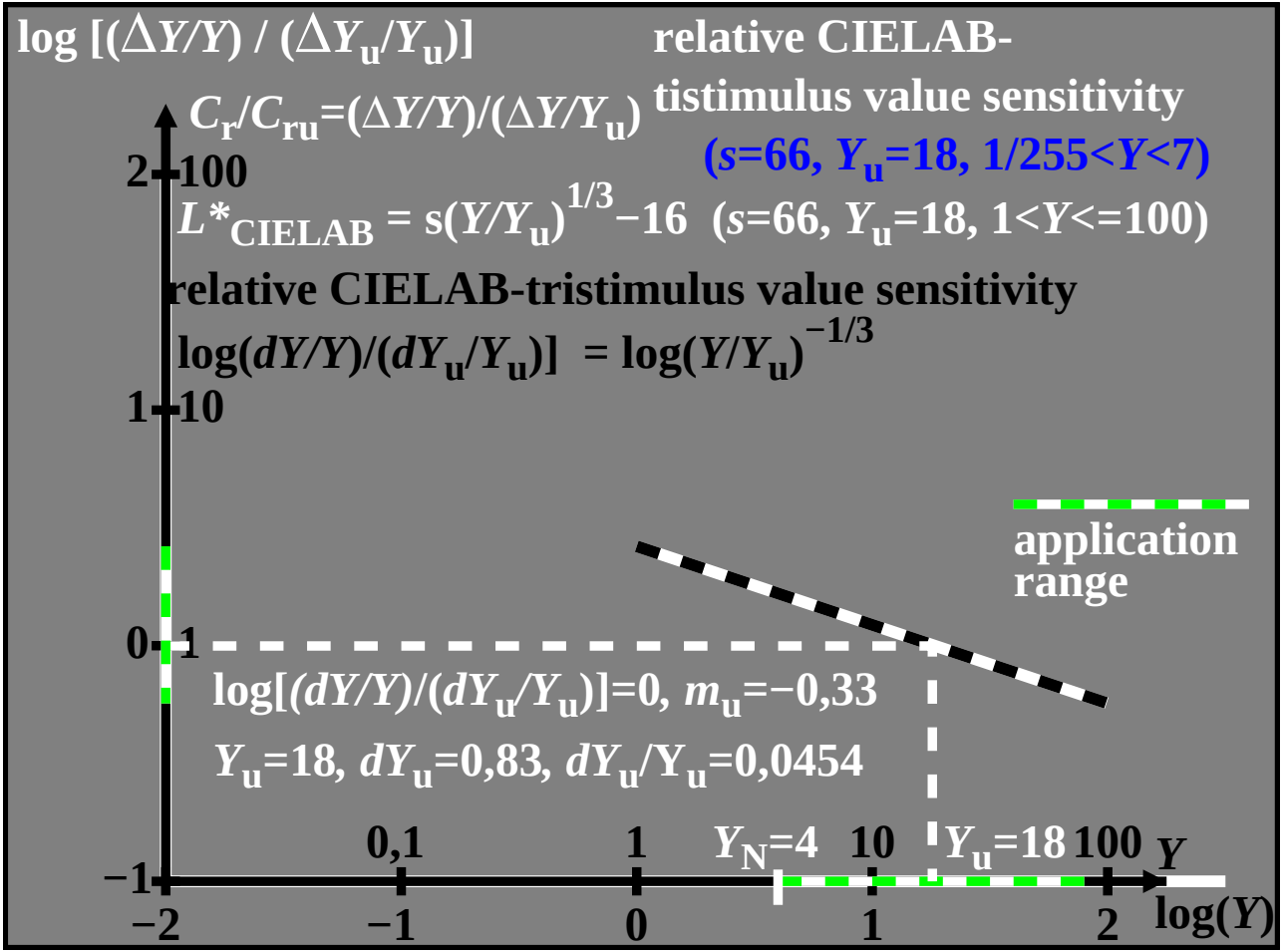
log [(ΔY/Y) / (ΔYu/Yu)]
relative CIELAB-
tistimulus value sensitivity
(s=66, Yu=18, 1/255<Y<7)
Cr/Cru=(ΔY/Y)/(ΔY/Yu)
2 100
L*CIELAB = s(Y/Yu)1/3−16 (s=66, Yu=18, 1<Y<=100)
relative CIELAB-tristimulus value sensitivity
log(dY/Y)/(dYu/Yu)] = log(Y/Yu)−1/3
1 10
application
range
0 1
log[(dY/Y)/(dYu/Yu)]=0, mu=−0,33
Yu=18, dYu=0,83, dYu/Yu=0,0454
0,1
1
YN=4
10
Yu=18
100
Y
−1
−2
−1
0
1
2
log(Y)

BEU90−6A