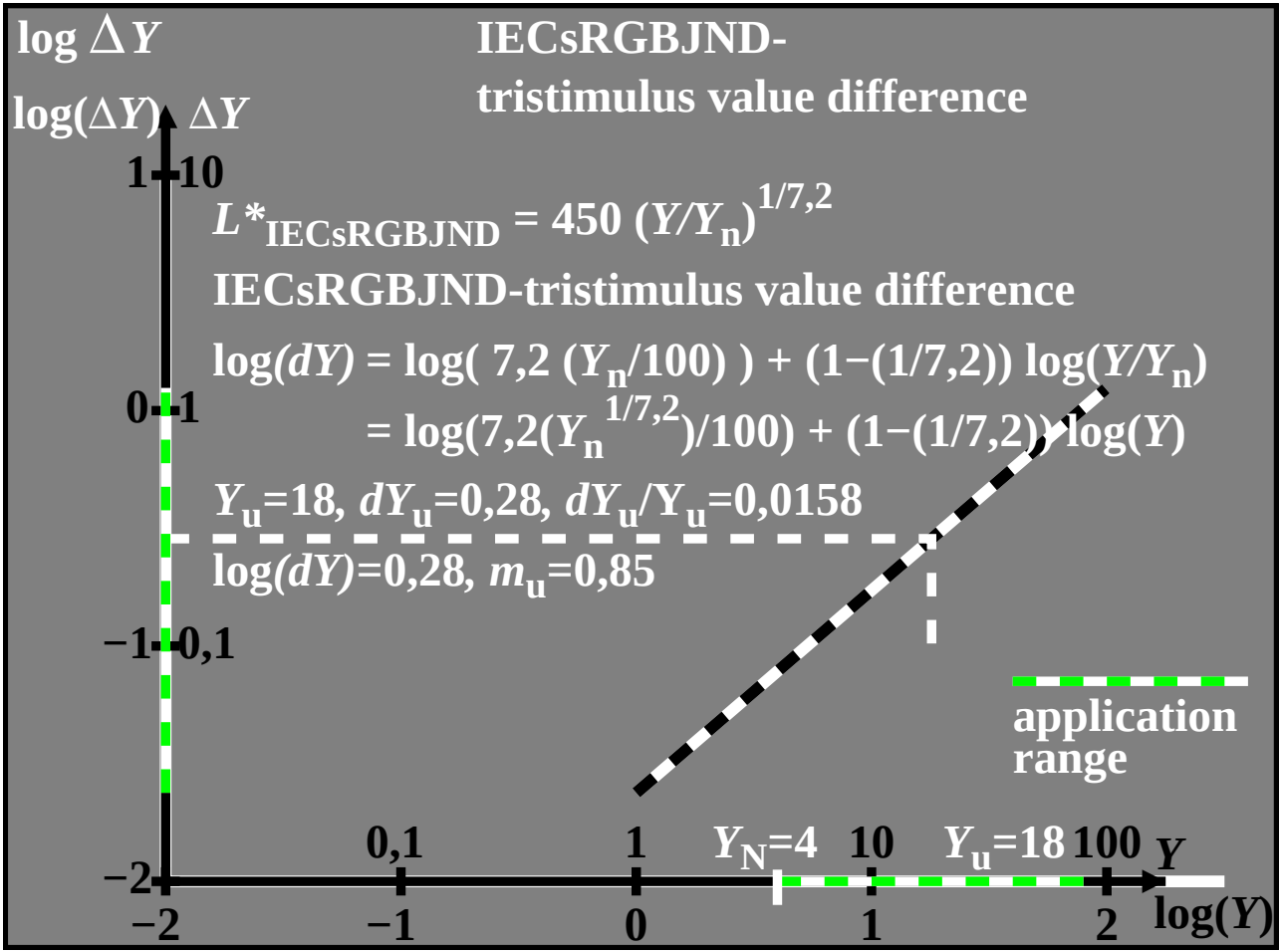
log ΔY
IECsRGBJND-
tristimulus value difference
log(ΔY)
ΔY
1
10
L*IECsRGBJND = 450 (Y/Yn)1/7,2
IECsRGBJND-tristimulus value difference
log(dY) = log( 7,2 (Yn/100) ) + (1−(1/7,2)) log(Y/Yn)
= log(7,2(Yn1/7,2)/100) + (1−(1/7,2)) log(Y)
0
1
Yu=18, dYu=0,28, dYu/Yu=0,0158
log(dY)=0,28, mu=0,85
−1
0,1
application
range
−2
0,1
1
YN=4
10
Yu=18
100
Y
−2
−1
0
1
2
log(Y)

BEU40−3A