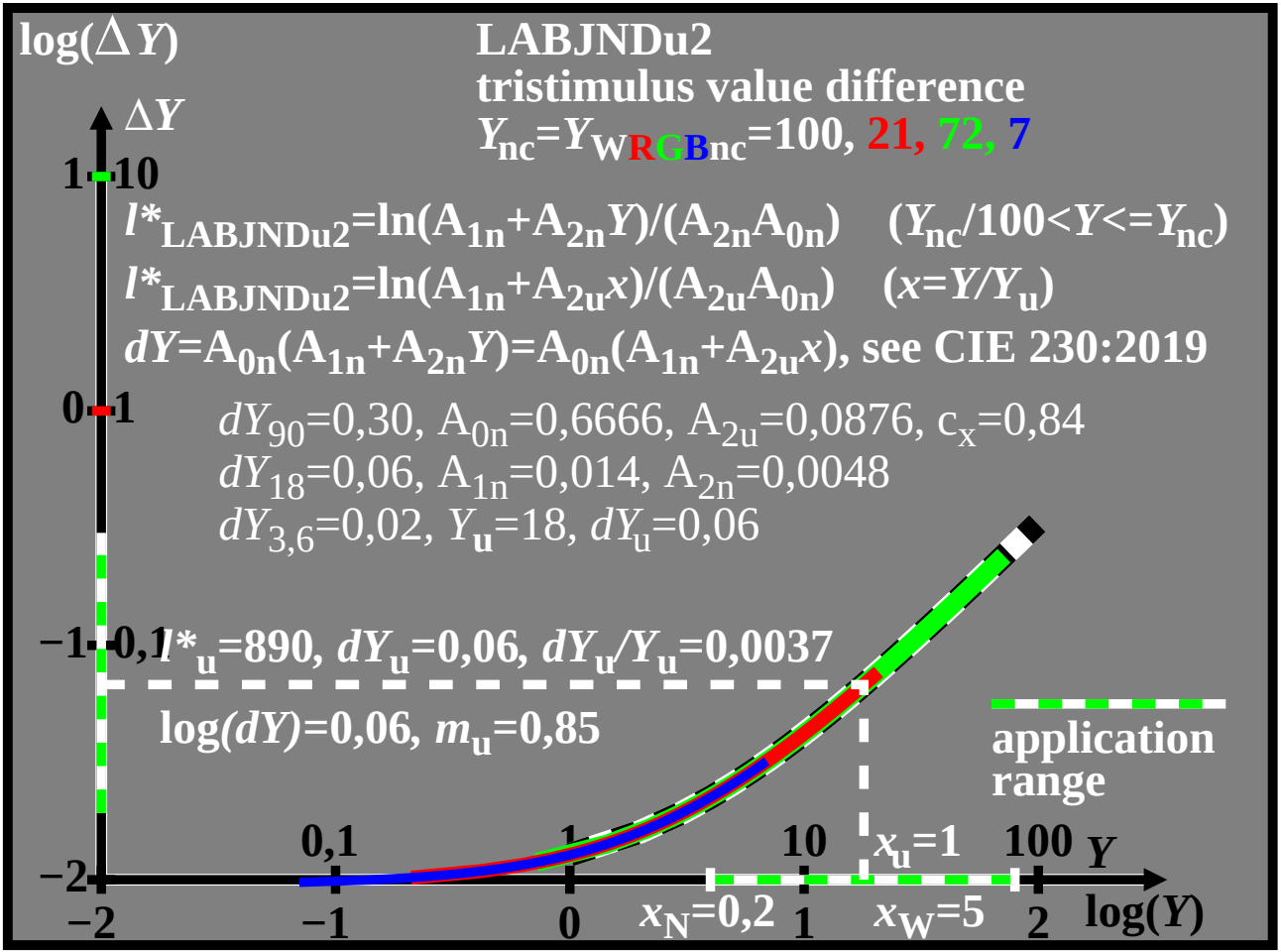
log(ΔY)
LABJNDu2
tristimulus value difference
Ync=YWRGBnc=100, 21, 72, 7
ΔY
1 10
l*LABJNDu2=ln(A1n+A2nY)/(A2nA0n) (Ync/100<Y<=Ync)
l*LABJNDu2=ln(A1n+A2ux)/(A2uA0n) (x=Y/Yu)
dY=A0n(A1n+A2nY)=A0n(A1n+A2ux), see CIE 230:2019
0 1
dY90=0,30, A0n=0,6666, A2u=0,0876, cx=0,84
dY18=0,06, A1n=0,014, A2n=0,0048
dY3,6=0,02, Yu=18, dYu=0,06
−1 0,1
l*u=890, dYu=0,06, dYu/Yu=0,0037
log(dY)=0,06, mu=0,85
application range
0,1
1
10
xu=1
100
Y
−2
−2
−1
0
xN=0,2
1
xW=5
2
log(Y)

CEU20−3A