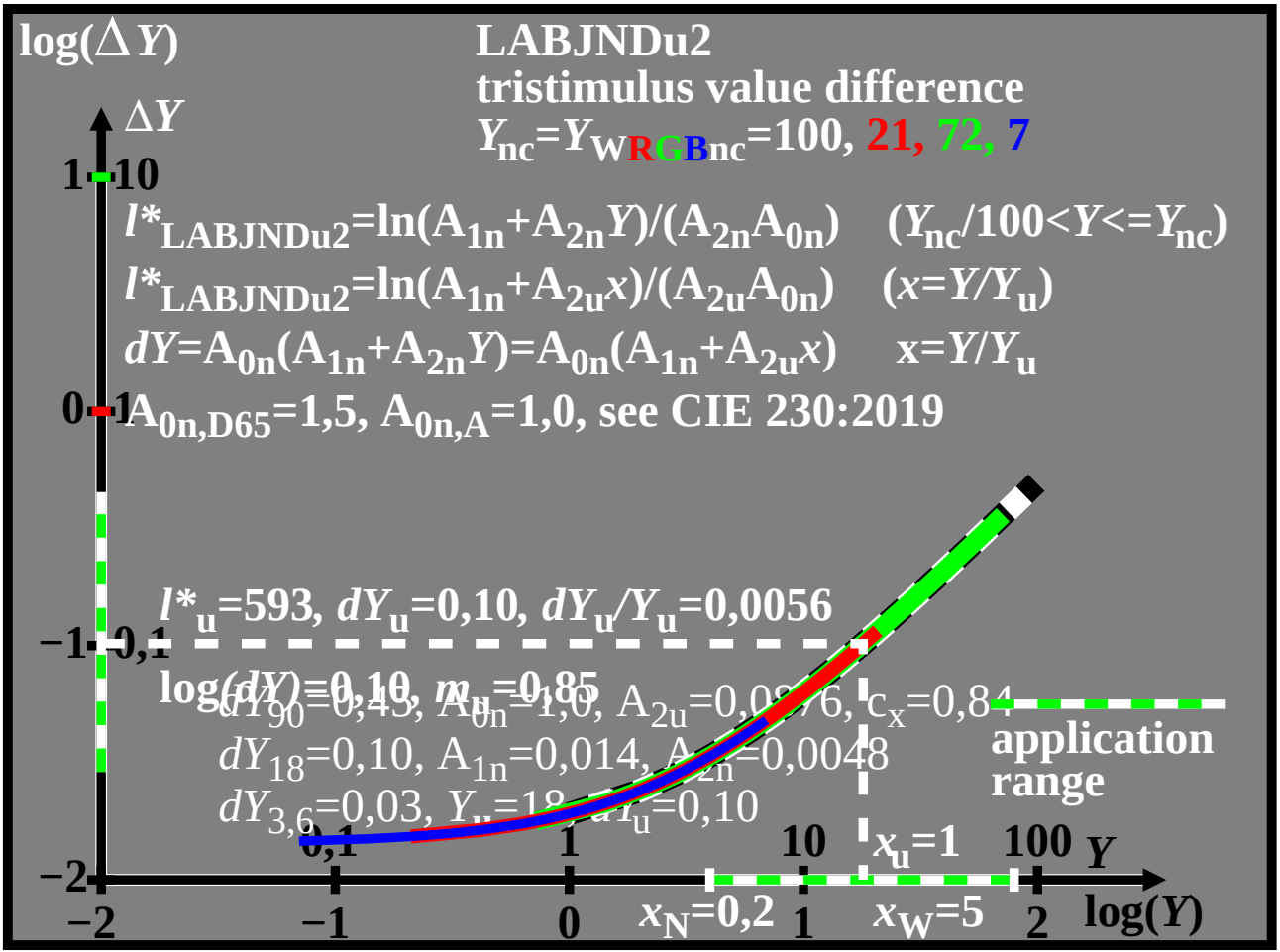
log(ΔY)
LABJNDu2
tristimulus value difference
Ync=YWRGBnc=100, 21, 72, 7
ΔY
1
10
0
1
l*LABJNDu2=ln(A1n+A2nY)/(A2nA0n) (Ync/100<Y<=Ync)
l*LABJNDu2=ln(A1n+A2ux)/(A2uA0n) (x=Y/Yu)
dY=A0n(A1n+A2nY)=A0n(A1n+A2ux) x=Y/Yu
A0n,D65=1,5, A0n,A=1,0, see CIE 230:2019
l*u=593, dYu=0,10, dYu/Yu=0,0056
−1
0,1
log(dY)=0,10, mu=0,85
dY90=0,43, A0n=1,0, A2u=0,0876, cx=0,84
dY18=0,10, A1n=0,014, A2n=0,0048
dY3,6=0,03, Y..=18, dYu=0,10
application range
−2
0,1
1
10
xu=1
100
Y
−2
−1
0
xN=0,2
1
xW=5
2
log(Y)

CED20−3A