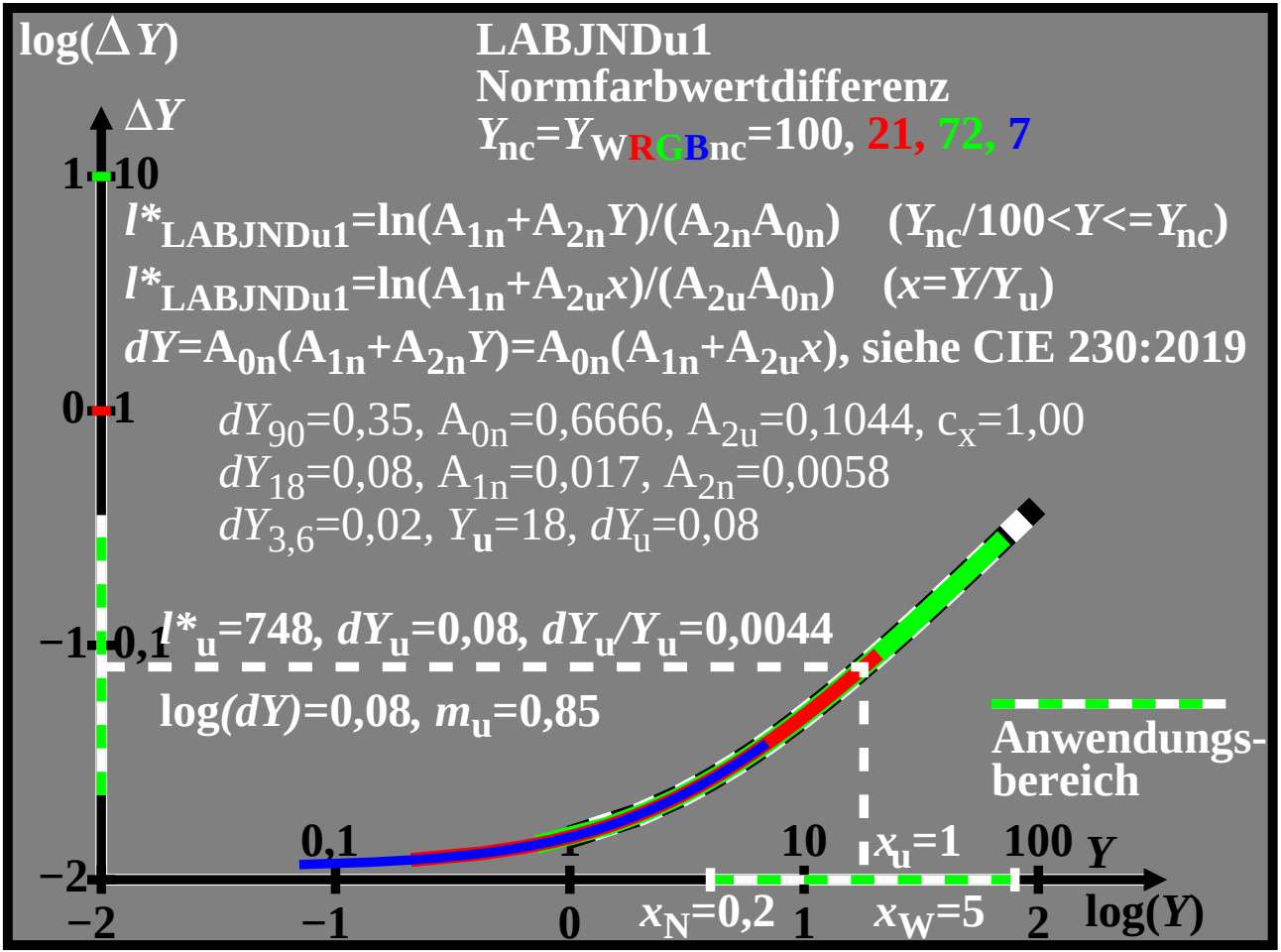
log(ΔY)
LABJNDu1
Normfarbwertdifferenz
Ync=YWRGBnc=100, 21, 72, 7
ΔY
1 10
l*LABJNDu1=ln(A1n+A2nY)/(A2nA0n) (Ync/100<Y<=Ync)
l*LABJNDu1=ln(A1n+A2ux)/(A2uA0n) (x=Y/Yu)
dY=A0n(A1n+A2nY)=A0n(A1n+A2ux), siehe CIE 230:2019
0 1
dY90=0,35, A0n=0,6666, A2u=0,1044, cx=1,00
dY18=0,08, A1n=0,017, A2n=0,0058
dY3,6=0,02, Yu=18, dYu=0,08
−1 0,1
l*u=748, dYu=0,08, dYu/Yu=0,0044
log(dY)=0,08, mu=0,85
Anwendungs-
bereich
0,1
1
10
xu=1
100
Y
−2
−2
−1
0
xN=0,2
1
xW=5
2
log(Y)

CGU10−3A