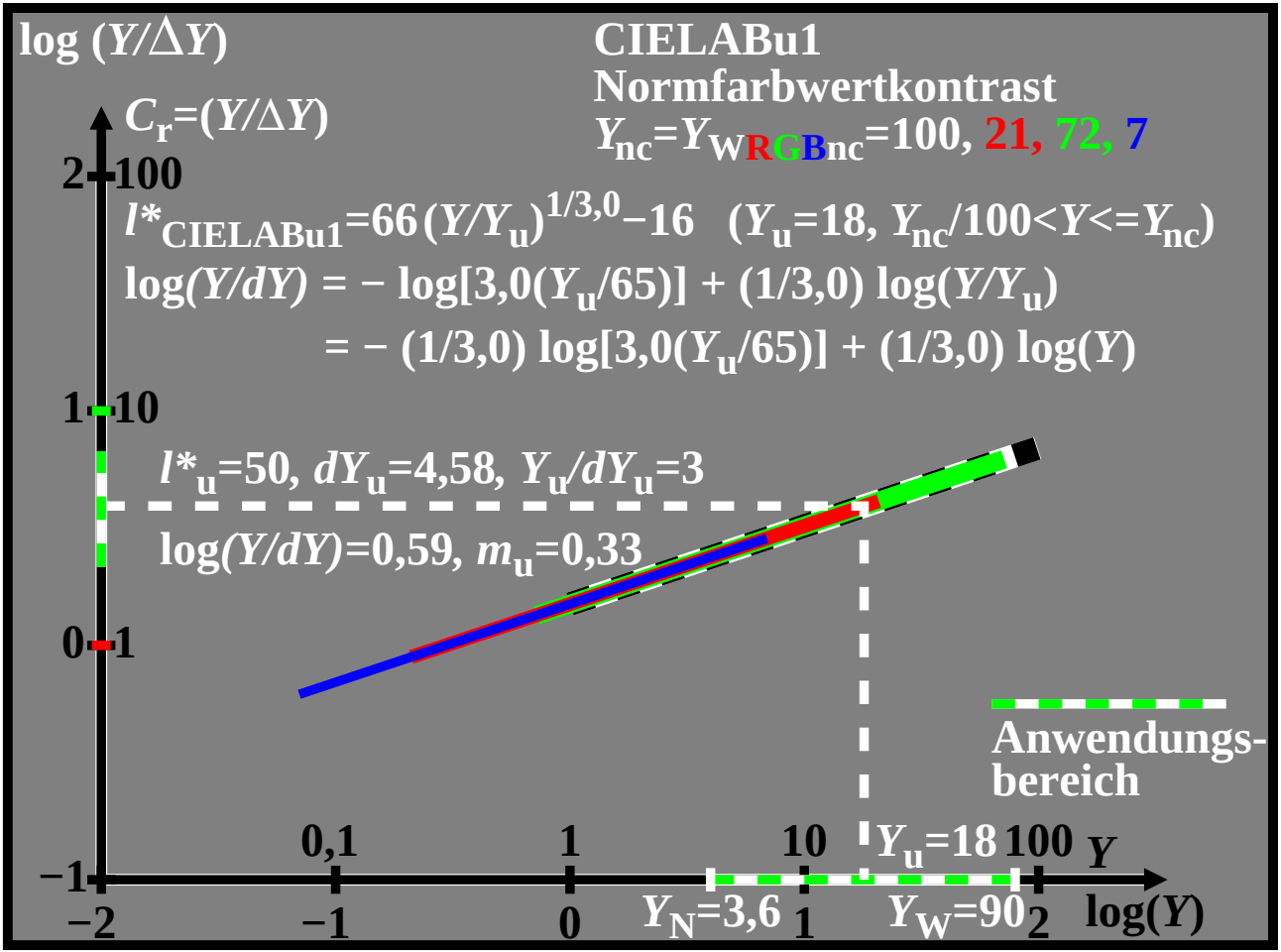
log (Y/ΔY)
CIELABu1
Normfarbwertkontrast
Ync=YWRGBnc=100, 21, 72, 7
Cr=(Y/ΔY)
2 100
l*CIELABu1=66 (Y/Yu)1/3,0−16 (Yu=18, Ync/100<Y<=Ync)
log(Y/dY) = − log[3,0(Yu/65)] + (1/3,0) log(Y/Yu)
= − (1/3,0) log[3,0(Yu/65)] + (1/3,0) log(Y)
1 10
l*u=50, dYu=4,58, Yu/dYu=3
log(Y/dY)=0,59, mu=0,33
0 1
Anwendungs-
bereich
0,1
1
10
Yu=18
100
Y
−1
−2
−1
0
YN=3,6
1
YW=90
2
log(Y)

BGY10−7A