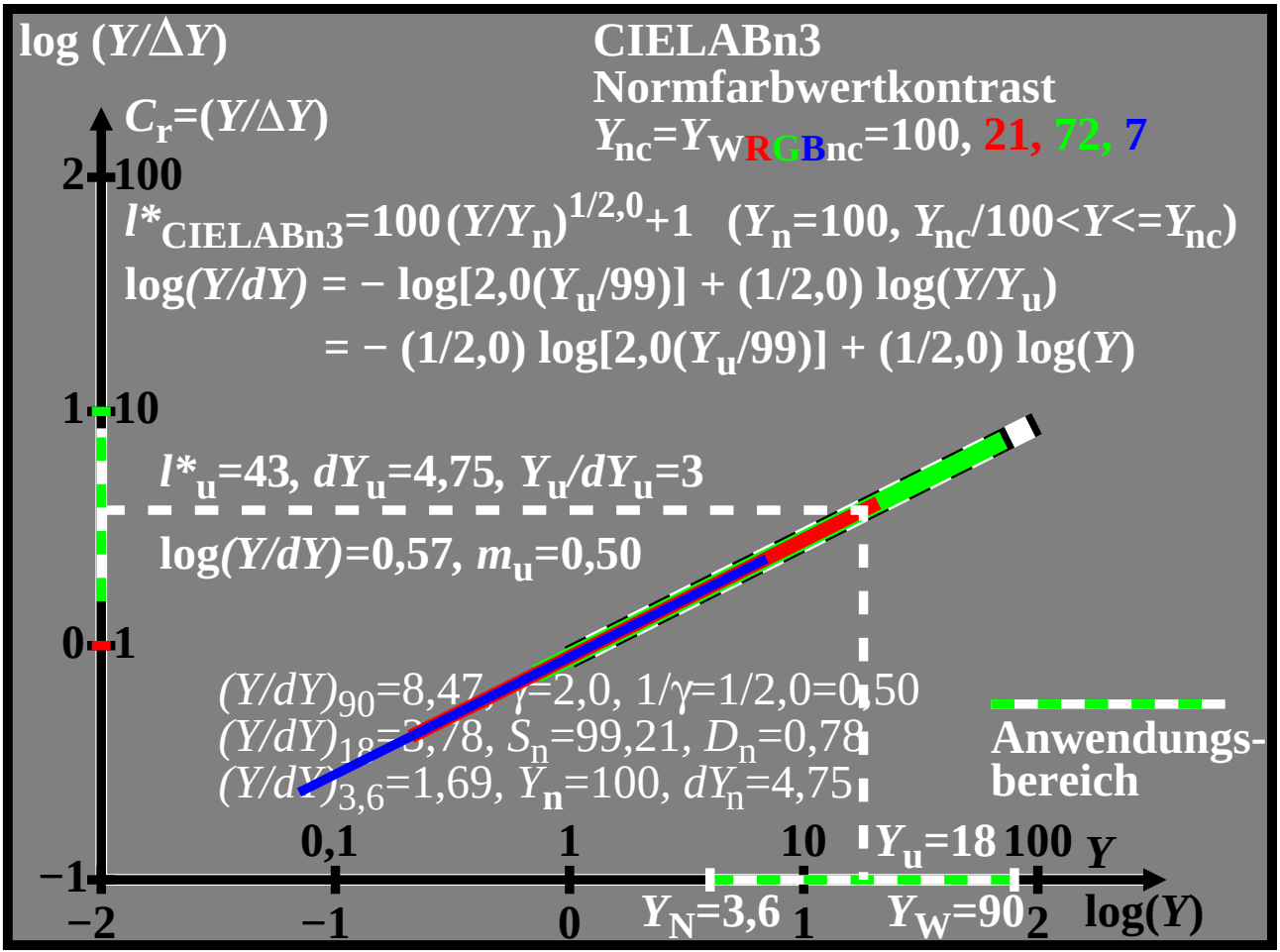
log (Y/ΔY)
CIELABn3
Normfarbwertkontrast
Ync=YWRGBnc=100, 21, 72, 7
Cr=(Y/ΔY)
2 100
l*CIELABn3=100 (Y/Yn)1/2,0+1 (Yn=100, Ync/100<Y<=Ync)
log(Y/dY) = − log[2,0(Yu/99)] + (1/2,0) log(Y/Yu)
= − (1/2,0) log[2,0(Yu/99)] + (1/2,0) log(Y)
1 10
l*u=43, dYu=4,75, Yu/dYu=3
log(Y/dY)=0,57, mu=0,50
0 1
(Y/dY)90=8,47, γ=2,0, 1/γ=1/2,0=0,50
(Y/dY)18=3,78, Sn=99,21, Dn=0,78
(Y/dY)3,6=1,69, Yn=100, dYn=4,75
Anwendungs-
bereich
0,1 1 10 Yu=18 100 Y
−1
−2 −1 0 YN=3,6 1 YW=90 2 log(Y)

BGZ30−7A