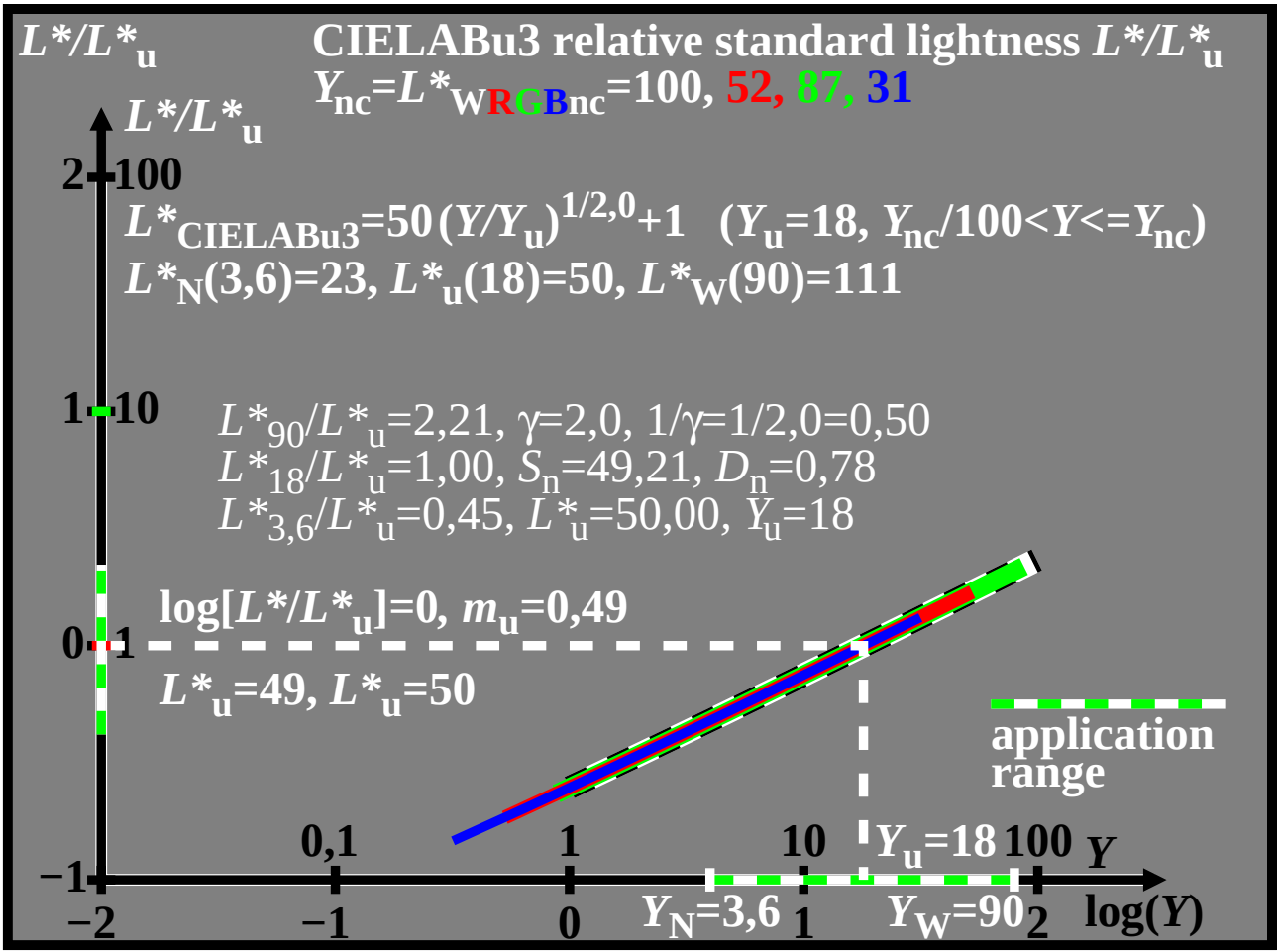
L*/L*u
CIELABu3 relative standard lightness L*/L*u
Ync=L*WRGBnc=100, 52, 87, 31
L*/L*u
2
100
L*CIELABu3=50(Y/Yu)1/2,0+1 (Yu=18, Ync/100<Y<=Ync)
L*N(3,6)=23, L*u(18)=50, L*W(90)=111
1
10
L*90/L*u=2,21, γ=2,0, 1/γ=1/2,0=0,50
L*18/L*u=1,00, Sn=49,21, Dn=0,78
L*3,6/L*u=0,45, L*u=50,00, Yu=18
log[L*/L*u]=0, mu=0,49
0
1
L*u=49, L*u=50
application range
0,1
1
10
Yu=18
100
Y
−1
−2
−1
0
YN=3,6
1
YW=90
2
log(Y)

BEX31−2A