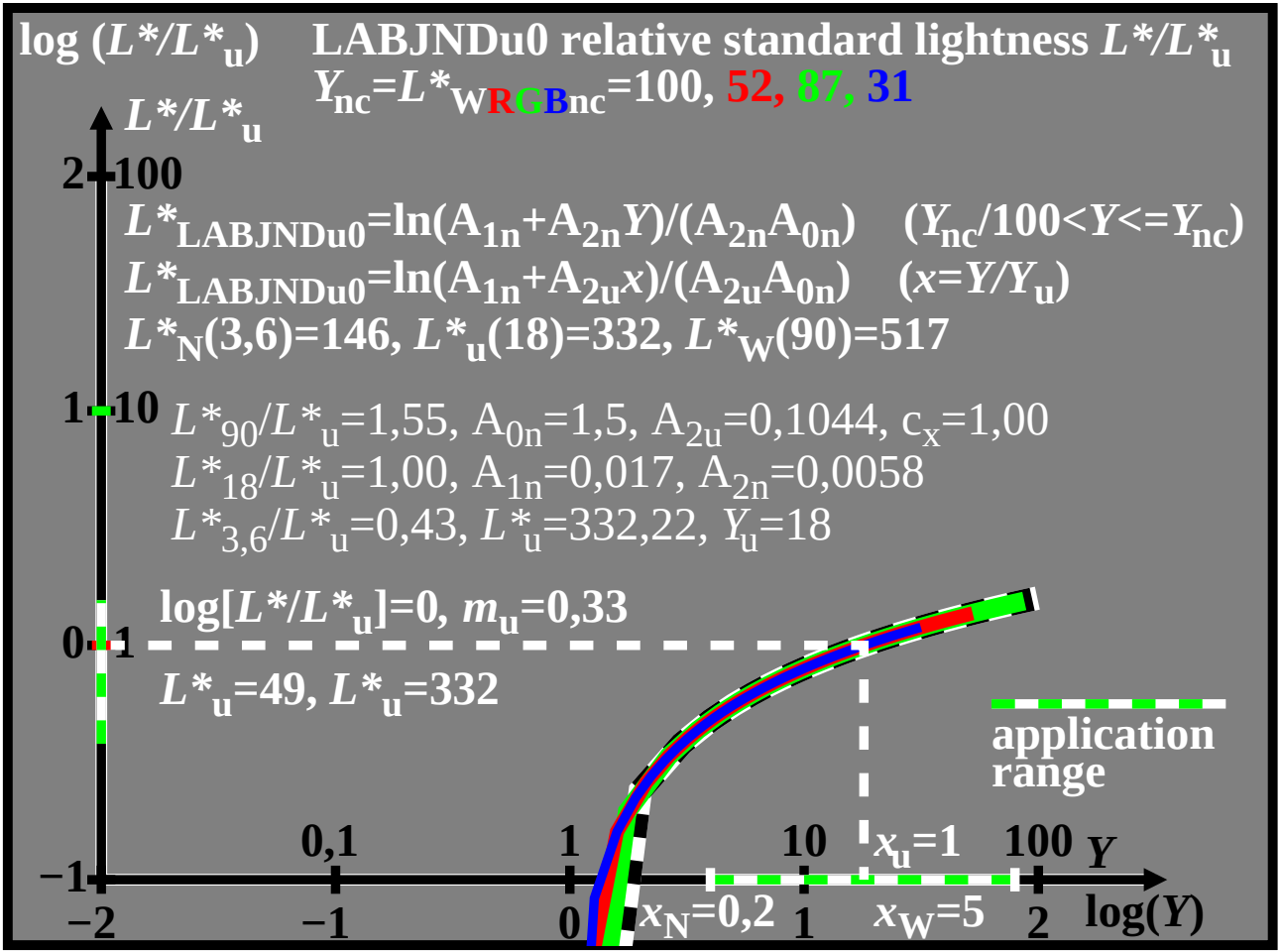
log (L*/L*u)
LABJNDu0 relative standard lightness L*/L*u
Ync=L*WRGBnc=100, 52, 87, 31
L*/L*u
2 100
L*LABJNDu0=ln(A1n+A2nY)/(A2nA0n) (Ync/100<Y<=Ync)
L*LABJNDu0=ln(A1n+A2ux)/(A2uA0n) (x=Y/Yu)
L*N(3,6)=146, L*u(18)=332, L*W(90)=517
1 10
L*90/L*u=1,55, A0n=1,5, A2u=0,1044, cx=1,00
L*18/L*u=1,00, A1n=0,017, A2n=0,0058
L*3,6/L*u=0,43, L*u=332,22, Yu=18
log[L*/L*u]=0, mu=0,33
0 1
L*u=49, L*u=332
application range
0,1
1
10
xu=1
100
Y
−1
−2
−1
0
xN=0,2
1
xW=5
2
log(Y)

CEB01−2A