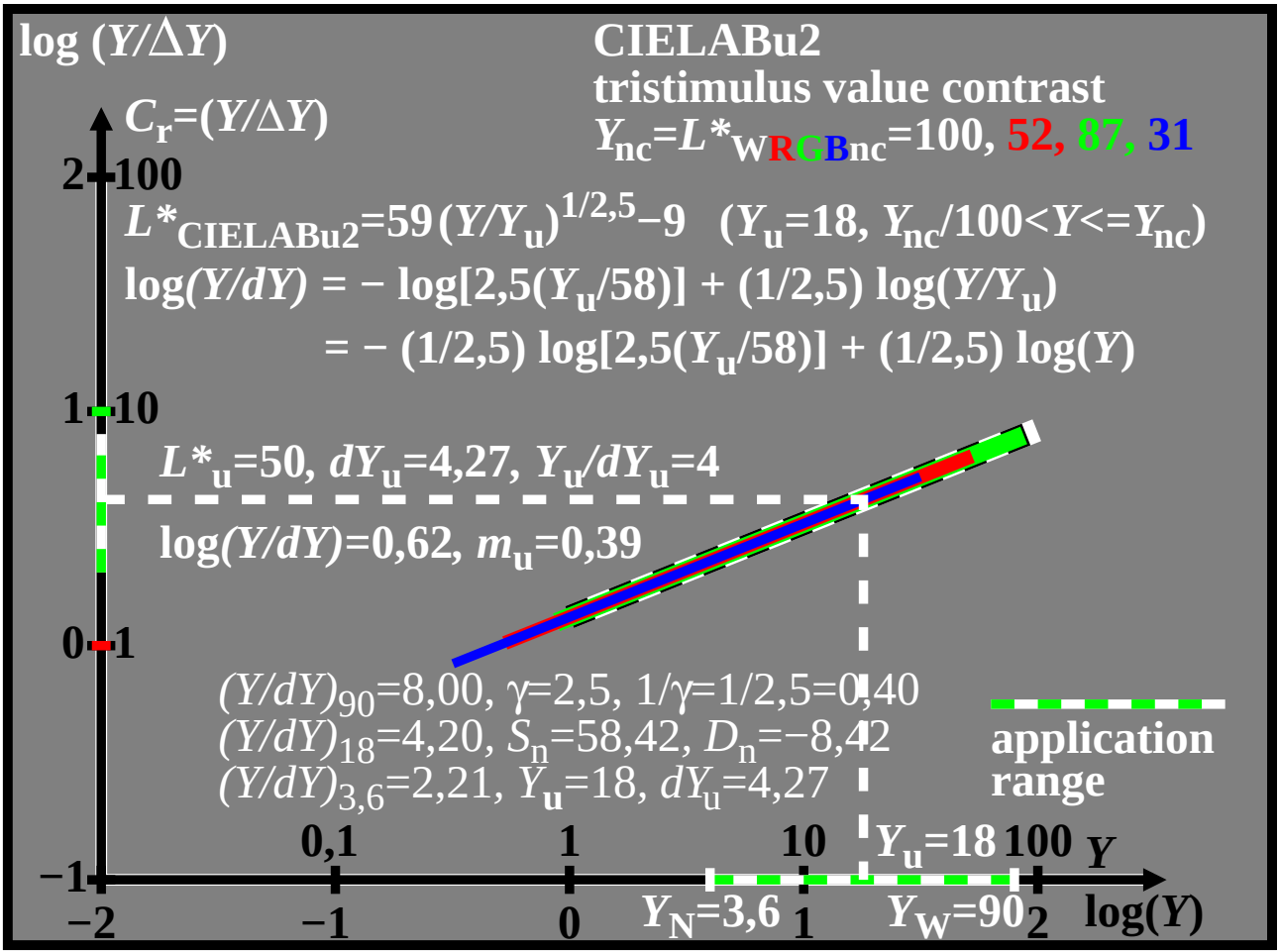
log (Y/ΔY)
CIELABu2
tristimulus value contrast
Ync=L*WRGBnc=100, 52, 87, 31
Cr=(Y/ΔY)
2 100
L*CIELABu2=59 (Y/Yu)1/2,5−9 (Yu=18, Ync/100<Y<=Ync)
log(Y/dY) = − log[2,5(Yu/58)] + (1/2,5) log(Y/Yu)
= − (1/2,5) log[2,5(Yu/58)] + (1/2,5) log(Y)
1 10
L*u=50, dYu=4,27, Yu/dYu=4
log(Y/dY)=0,62, mu=0,39
0 1
(Y/dY)90=8,00, γ=2,5, 1/γ=1/2,5=0,40
(Y/dY)18=4,20, Sn=58,42, Dn=−8,42
(Y/dY)3,6=2,21, Yu=18, dYu=4,27
application range
0,1 1 10 Yu=18 100 Y
−1
−2 −1 0 YN=3,6 1 YW=90 2 log(Y)

BEX21−7A