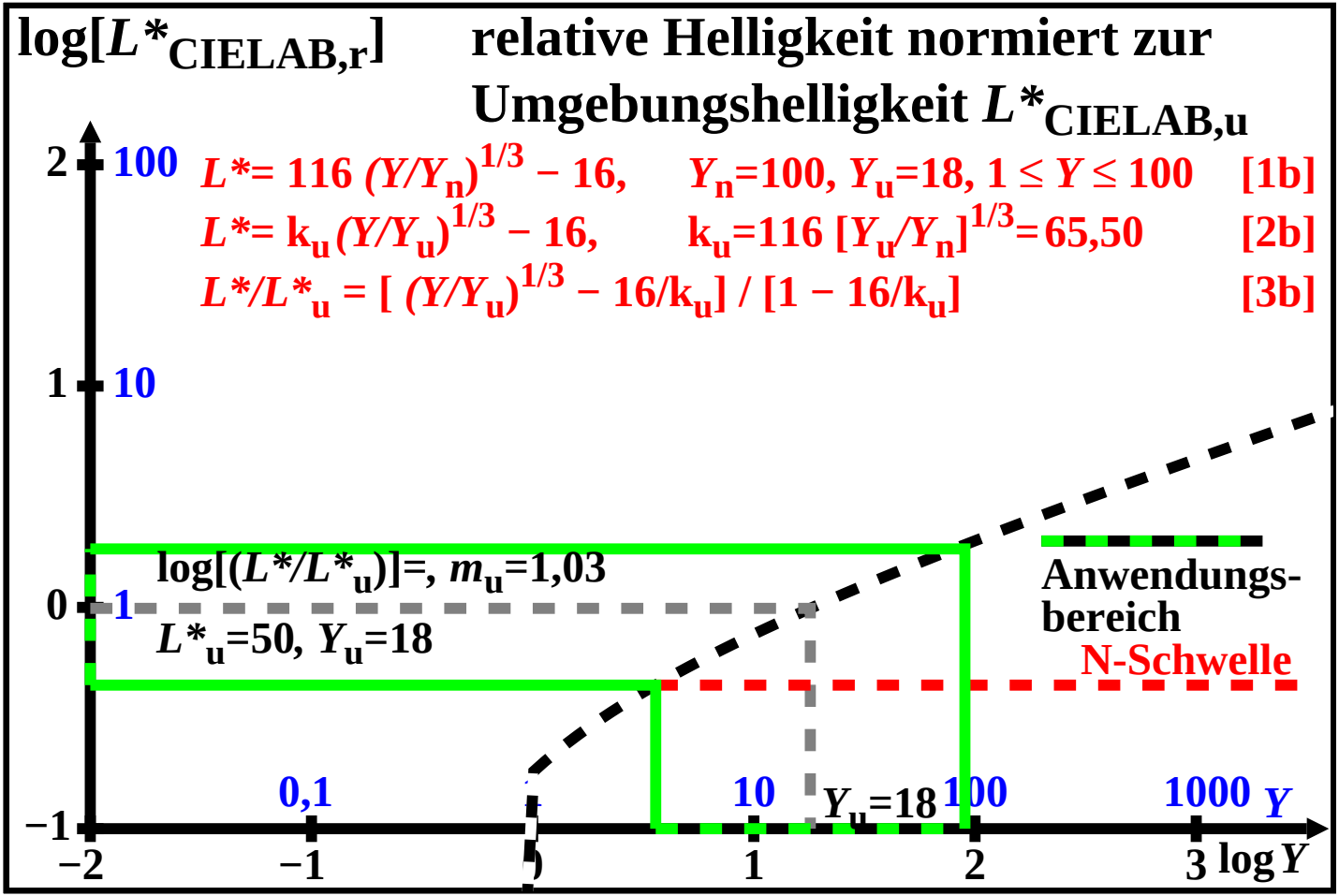
log[L*CIELAB,r]
relative Helligkeit normiert zur Umgebungshelligkeit L*CIELAB,u
L*= 116 (Y/Yn)1/3 − 16, Yn=100, Yu=18, 1 ≤ Y ≤ 100 [1b]
L*= ku (Y/Yu)1/3 − 16, ku=116 [Yu/Yn]1/3=65,50 [2b]
L*/L*u = [(Y/Yu)1/3 − 16/ku] / [1 − 16/ku] [3b]
2
1
0
−1
100
10
1
log[(L*/L*u)]=, mu=1,03
L*u=50, Yu=18
Anwendungs-bereich
N-Schwelle
0,1
10
Yu=18
100
1000
Y
−2
−1
0
1
2
3
log Y

ega70−2a