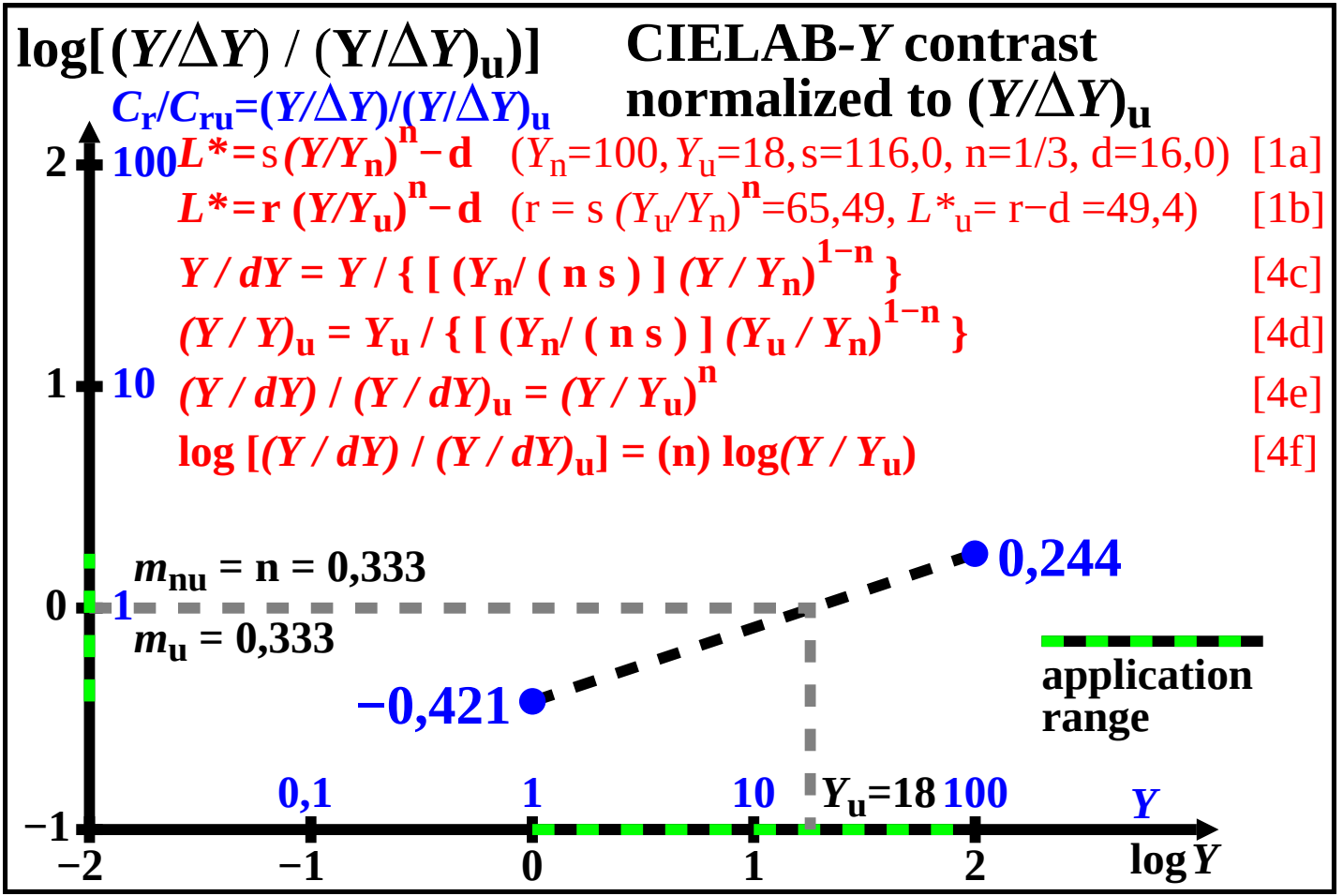
log[(Y/ΔY) / (Y/ΔY)u)]
CIELAB-Y contrast normalized to (Y/ΔY)u
Cr/Cru=(Y/ΔY)/(Y/ΔY)u
L*=s (Y/Yn)n − d (Yn=100, Yu=18, s=116,0, n=1/3, d=16,0) [1a]
L*=r (Y/Yu)n − d (r = s (Yu/Yn)n=65,49, L*u= r−d =49,4) [1b]
Y / dY = Y / { [(Yn/ (n s)] (Y / Yn)1−n } [4c]
(Y / Y)u = Yu / { [(Yn/ (n s)] (Yu / Yn)1−n } [4d]
(Y / dY) / (Y / dY)u = (Y / Yu)n [4e]
log [(Y / dY) / (Y / dY)u] = (n) log(Y / Yu) [4f]
2
1
0
−1
100
10
1
mnu = n = 0,333
mu = 0,333
0,244
−0,421
application range
0,1
1
10
Yu=18
100
Y
−2
−1
0
1
2
log Y

hep70−8a