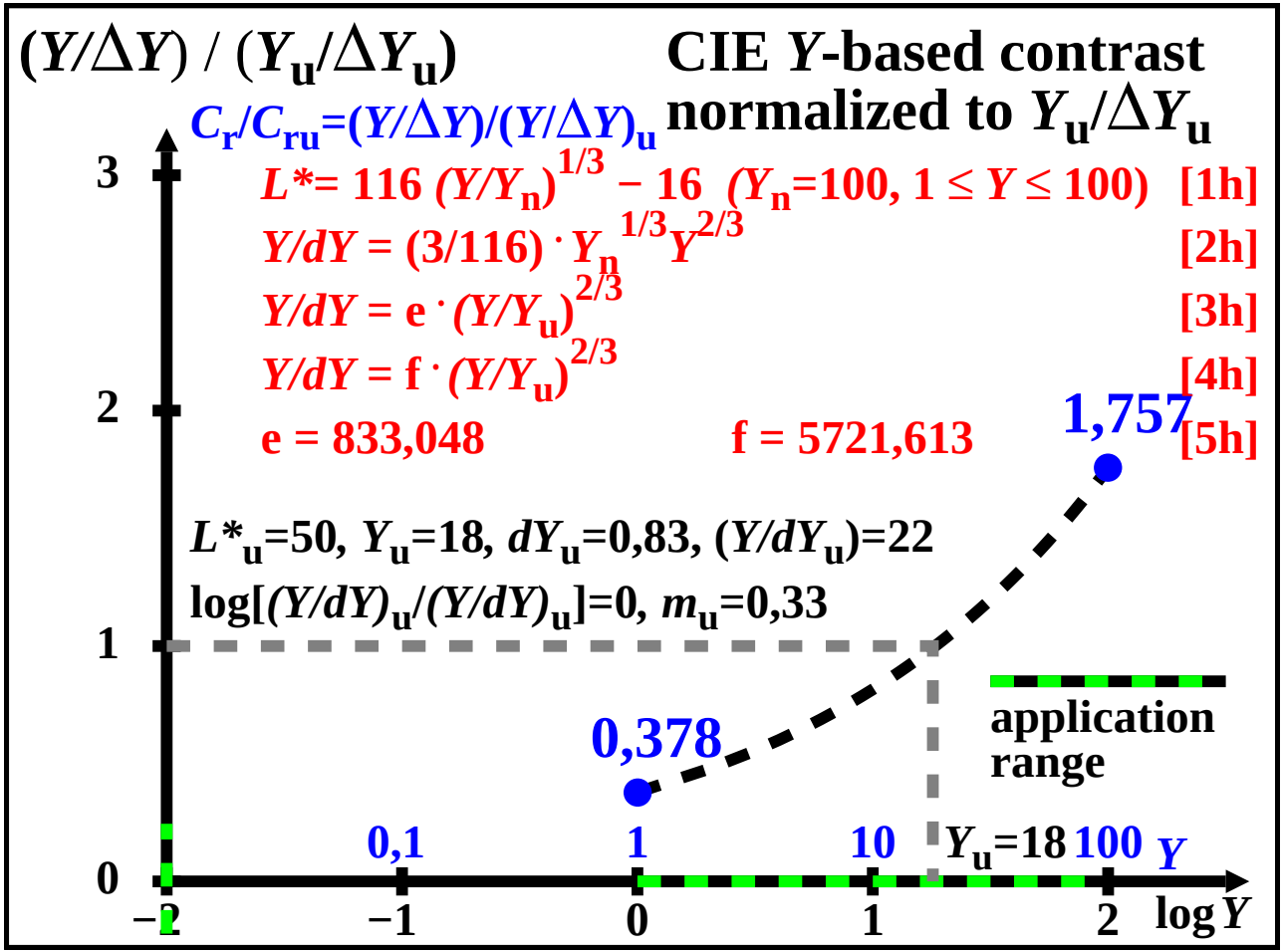
(Y/ΔY) / (Yu/ΔYu)
CIE Y-based contrast normalized to Yu/ΔYu
Cr/Cru=(Y/ΔY)/(Y/ΔY)u
L*= 116 (Y/Yn)^1/3 − 16 (Yn=100, 1 ≤ Y ≤ 100) [1h]
Y/dY = (3/116) · Yn^1/3 Y^2/3 [2h]
Y/dY = e · (Y/Yu)^2/3 [3h]
Y/dY = f · (Y/Yu)^2/3 [4h]
e = 833,048
f = 5721,613 [5h]
1,757
L*u=50, Yu=18, dYu=0,83, (Y/dYu)=22
log[(Y/dY)u/(Y/dY)u]=0, mu=0,33
0,378
application range
0,1
1
10
Yu=18
100
Y
log Y
3
2
1
0
−2
−1
0
1
2

heb91−8a