

Image Analysis

Patrick Clarysse, DR CNRS,
CREATIS, UMR CNRS 5220, Inserm 1206, Lyon.
Contact: patrick.clarysse@creatis.insa-lyon.fr

– Caractéristiques d' une image

Image Lena



Dimensions: 128x128

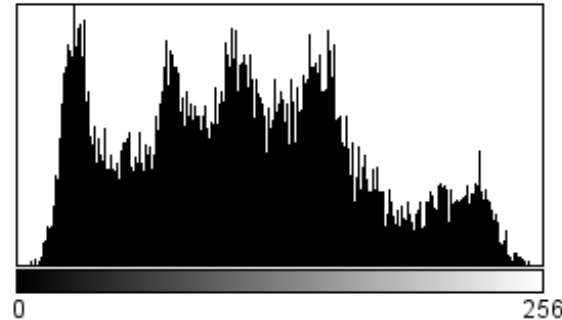
Résolution: x mm X y mm

Codage: 8bits

Taille: 128x128 Octets=16384Octets=16KOctets

– Histogramme d' une image

Nombre de pixels



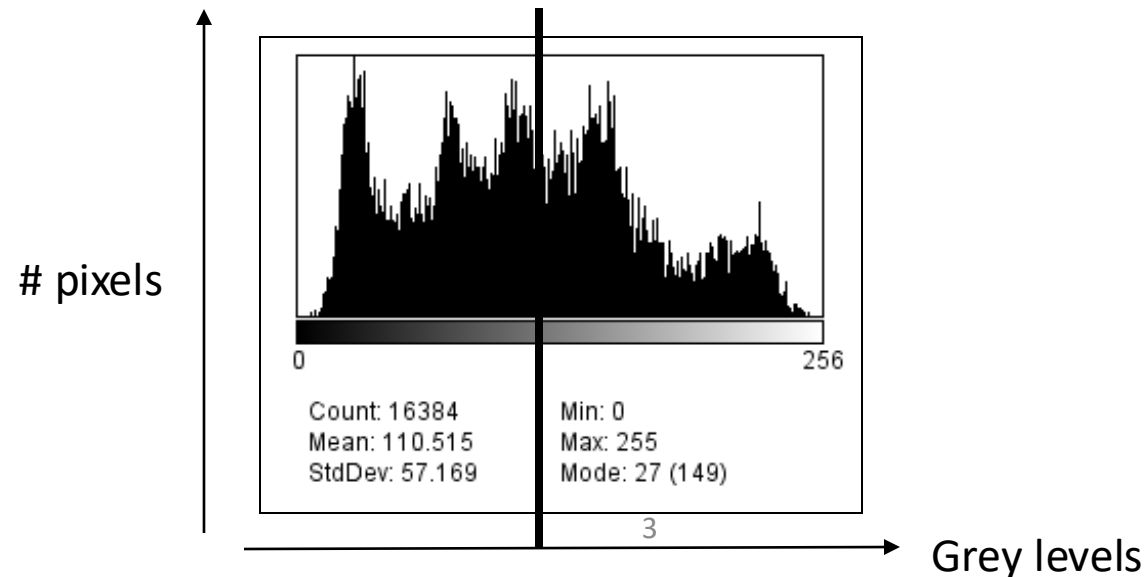
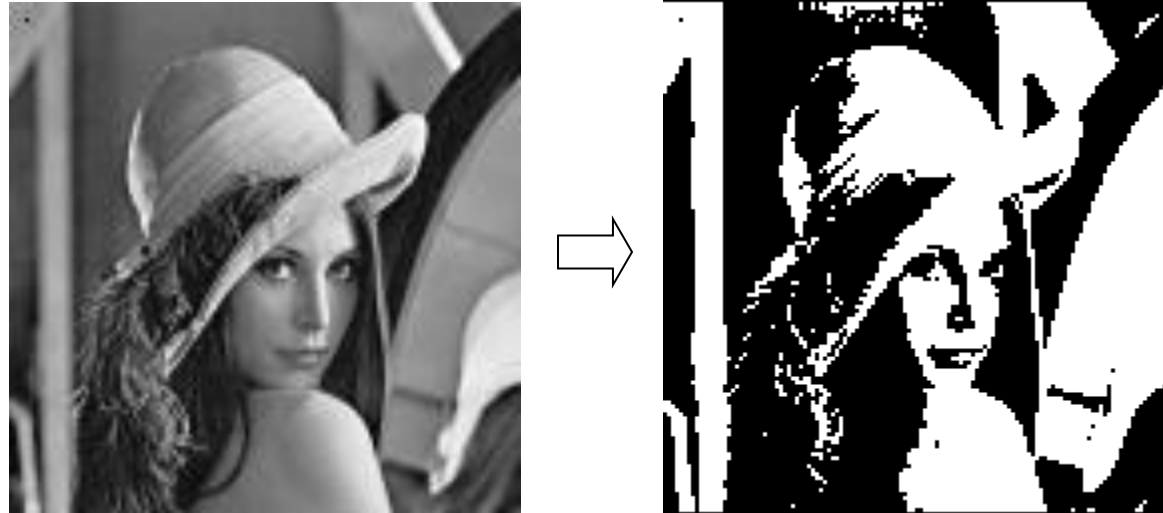
Count: 16384
Mean: 110.515
StdDev: 57.169

Min: 0
Max: 255
Mode: 27 (149)

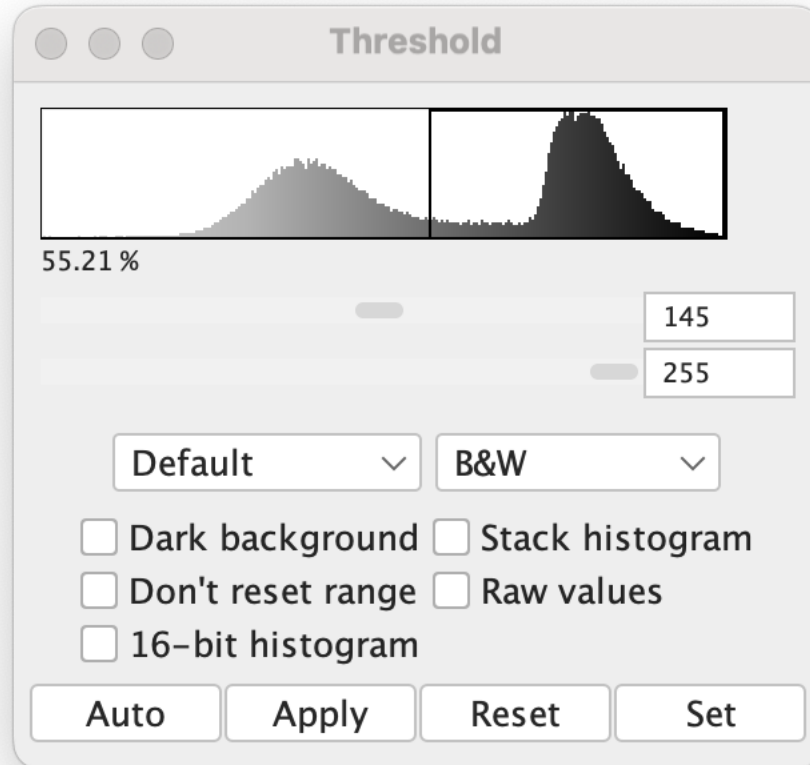
Niveau de gris

Image Thresholding

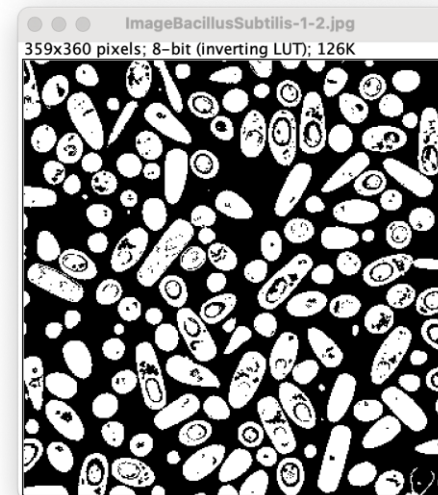
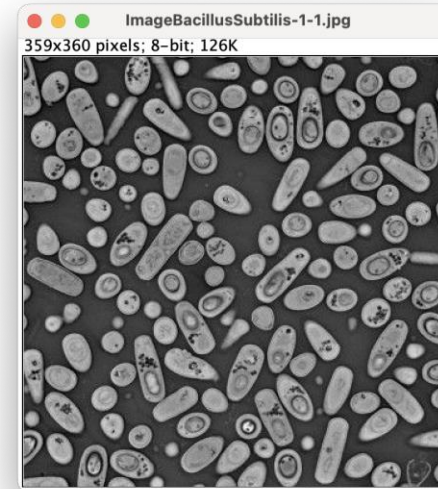
- From grey level image to 2 color image (Black & White)



- Example with ImageJ : interactive thresholding



Default configuration



- Fiji auto-threshold

Method Choice

