

## PIXELS TO MICRONS

### CONVERSION FACTORS

For Nikon D3500 (S-2992x2000, M-4496x3000, L-6000x4000)

Microscope Magnifications: 40x, 100x, 400x, 600x, 1000x

Small 2992x2000:

At 40x, Microns = Pixels / 1.04

At 100x, Microns = Pixels / 2.65

At 400x, Microns = Pixels / 10.3

At 600x, Microns = Pixels / 15.4

At 1000x, Microns = Pixels / 27

Medium 4496x3000:

At 40x, Microns = Pixels / 1.5

At 100x, Microns = Pixels / 3.9

At 400x, Microns = Pixels / 15.64

At 600x, Microns = Pixels / 23.4

At 1000x, Microns = Pixels / 40

Large 6000x4000:

At 40x, Microns = Pixels / 2.09

At 100x, Microns = Pixels / 5.2

At 400x, Microns = Pixels / 20.7

At 600x, Microns = Pixels / 31.2

At 1000x, Microns = Pixels / 53.4

Special Case: Micrographs from Microvideos @ 1920 x 1080

At 1000x, Microns = Pixels / 17.3