# LWAC01 Conversion

PNG

JPG

comptest_objects2-sa... 1.3 MB
Modified: 16 March 2022 at 09:46

Add Tags...

∨ General:

Kind: PNG image
Size: 1,262,463 bytes (1.3 MB on disk)

∨ More Info:

Last opened: 16 March 2022 at 10:48
Dimensions: 1024×1024
Colour space: Gray
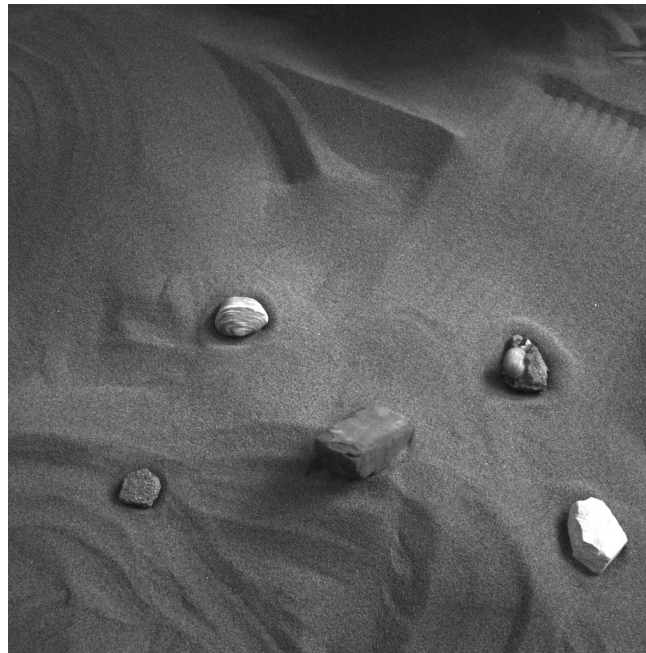Alpha channel: No

Size reduced to 16.82% of original size

LWAC01_JPG.jpg 212 KB
Modified: 16 March 2022 at 11:16

Add Tags...

∨ General:

Kind: JPEG image
Size: 212,307 bytes (213 KB on disk)

Last opened: 21 March 2022 at 13:15
Dimensions: 1024×1024
Colour space: Gray
Colour profile: Generic Gray Gamma 2.2 Profile
Alpha channel: No

Grayscale conversion used

MSE = 106.72708225250244

LWAC02 Conversion

PNG

JPG

comptest_objects2-sa... 1.3 MB
Modified: 16 March 2022 at 09:46

Add Tags...

> General:

    Kind: PNG image
    Size: 1,252,404 bytes (1.3 MB on disk)

> More Info:

    Dimensions: 1024×1024
    Colour space: Gray
    Alpha channel: No

Size reduced to 16.39% of original size

LWAC02_JPG.jpg 205 KB
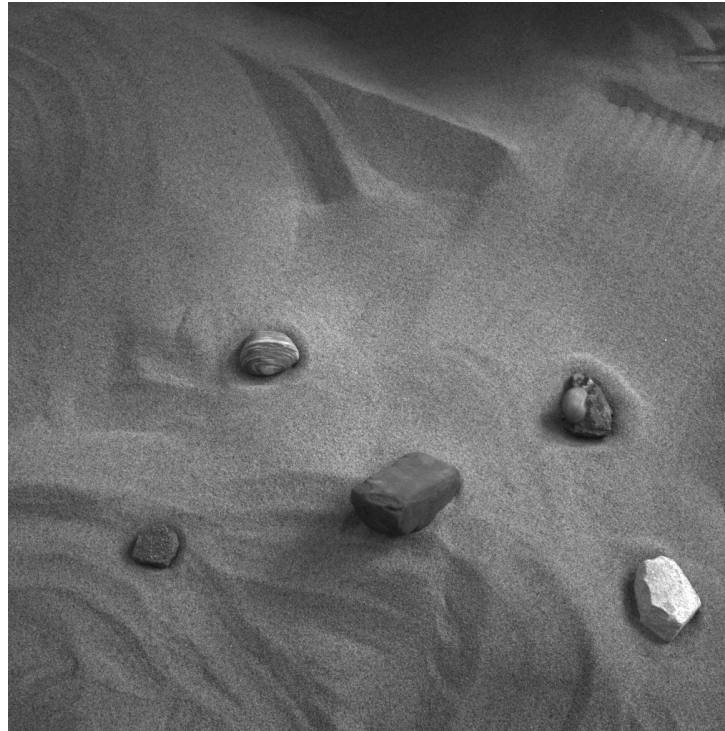Modified: Today, 13:09

Add Tags...

> General:

    Kind: JPEG image
    Size: 205,247 bytes (209 KB on disk)

> More Info:

    Dimensions: 1024×1024
    Colour space: Gray
    Colour profile: Generic Gray Gamma 2.2
               Profile
    Alpha channel: No

MSE = 102.48269271850586

LWAC03 Conversion

PNG

JPG

Size reduced to 15.31% of original size
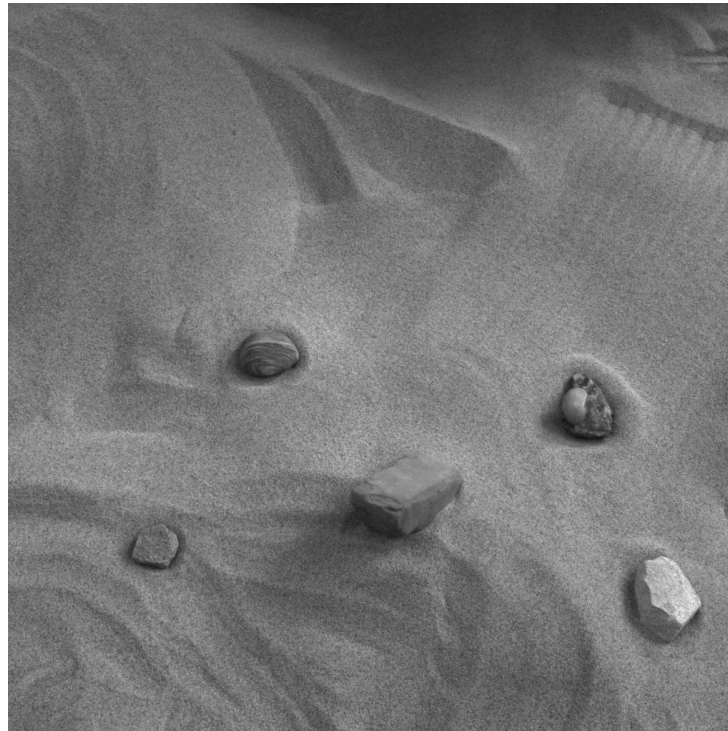
MSE = 92.70440864562988

Image depth reduces from 16 to 8 bits

IMAGE	PERCENTAGE SIZE REDUCTION	MSE	COLOUR SPACE/PROFILE
LWAC01	83.18	106.7270822525	Gray
LWAC02	83.86	102.4826927185	Gray
LWAC03	84.69	92.7044086456	Gray
Mean Average	**83.91**	**100.6380612055**	**NULL**

There is no visible differences between the PNG and JPG variants of the images

(This analysis is not scientific)