

Computer Vision with Embedded Machine Learning

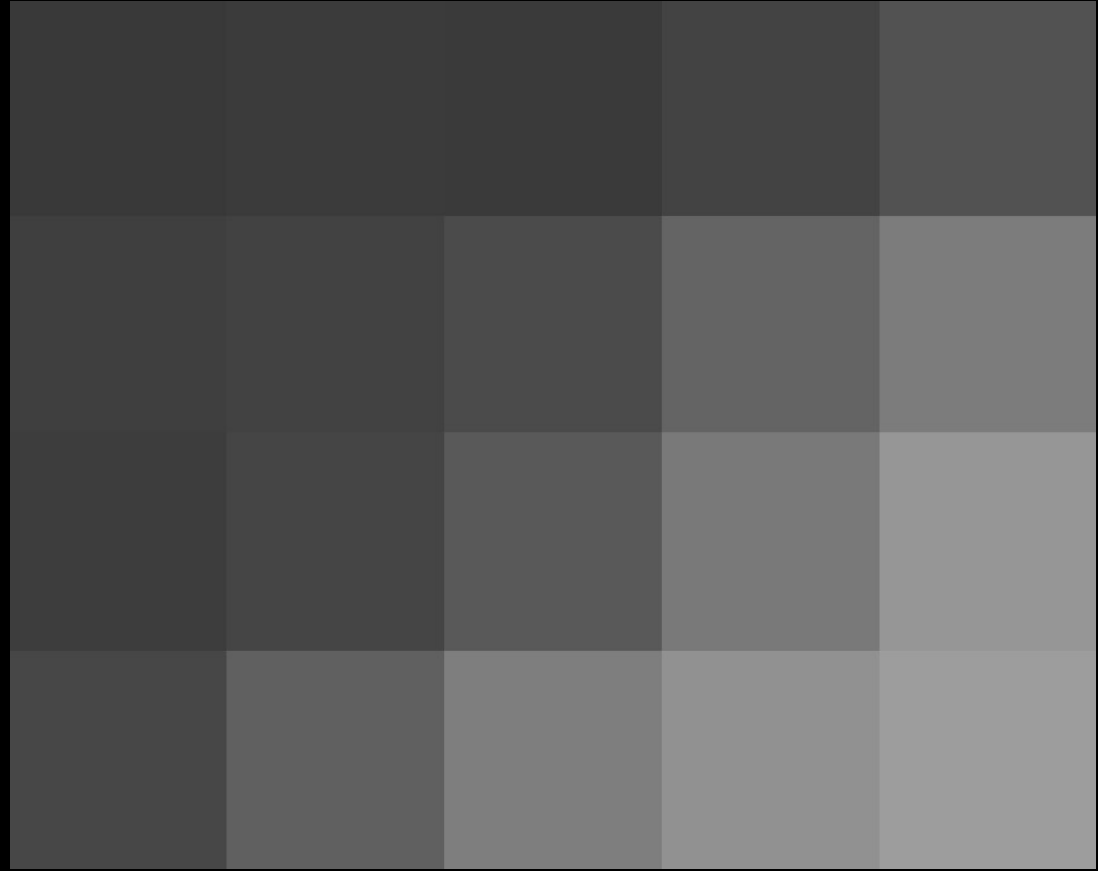
Overview of Digital Images



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The image shows a grayscale checkerboard pattern, which is a common test pattern for image processing. It consists of a grid of squares alternating between dark gray and light gray. Two red rectangles are overlaid on the pattern: a larger one in the lower-left quadrant and a smaller one in the upper-right quadrant. The text 'picture element ("pixel")' is written in red above the smaller rectangle.

picture element ("pixel")



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0.22	0.23	0.23	0.26	0.32
0.25	0.26	0.29	0.39	0.49
0.24	0.27	0.35	0.47	0.59
0.28	0.38	0.49	0.57	0.62

57	59	58	67	82
63	66	75	100	124
61	69	89	121	150
71	96	126	145	157

Bit depth: 8 bits

- 0 = black
- 255 = white

Width = 2290 pixels

Resolution:
2290 x 1487
(W x H)

Height = 1487 pixels

Size: 2290 x 1487 x 1 = 3,405,230 bytes

W x H x (bit depth in bytes)

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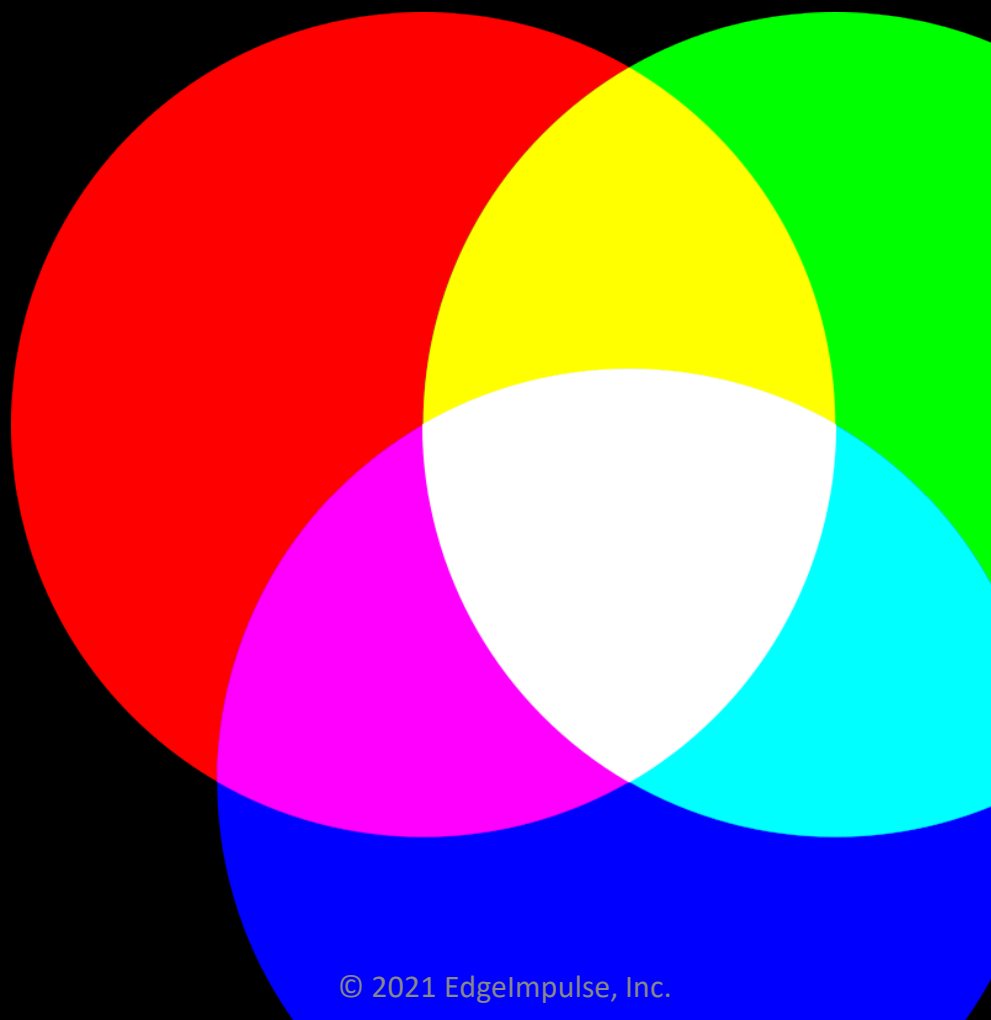
R: 16 G: 159 B: 165	R: 34 G: 179 B: 176	R: 30 G: 161 B: 147	R: 55 G: 163 B: 131	R: 131 G: 204 B: 148
R: 19 G: 160 B: 152	R: 34 G: 166 B: 145	R: 55 G: 161 B: 125	R: 119 G: 187 B: 136	R: 184 G: 200 B: 135
R: 44 G: 166 B: 143	R: 73 G: 173 B: 135	R: 140 G: 204 B: 152	R: 186 G: 208 B: 144	R: 208 G: 181 B: 112
R: 101 G: 189 B: 149	R: 162 G: 215 B: 159	R: 203 G: 212 B: 145	R: 216 G: 190 B: 116	R: 208 G: 151 B: 80

Bit depth: 24 bits

- 1 byte: Red
- 1 byte: Green
- 1 byte: Blue

Optional:

- 1 byte: Alpha



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