Converting Colors

RGB(233, 139, 144)

Have a look what the booklet for RGB(233, 139, 144) contains.

Color

RGB(233, 139, 144)

Conversions

Conversions Part 1

Format	Color
Hex	E98B90
RGB	233, 139, 144
RGB Percent	91%, 55%, 56%
CMY	0.0863, 0.4549, 0.4353
CMYK	0.00, 0.40, 0.38, 0.09
HSL	357°, 68%, 73%
HSV	357°, 40%, 91%
XYZ	47.8709, 37.8025, 31.1591
YIQ	167.6760, 54.4190, 21.4830

Conversions

Conversions Part 2

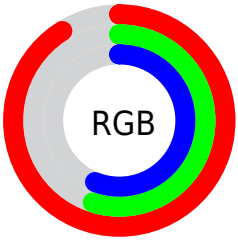
Format	Color
RYB	233, 139, 144
Decimal	15305616
CIELab	67.87, 36.29, 12.81
CIELCh	68, 38.482, 19.452
Yxy	37.8025, 0.4097, 0.3236
Android (android.graphics.Color)	4293495696 (0xFFE98B90)
YUV	167.6760, -11.6723, 57.2891
Hunter-Lab	61.4837, 31.3827, 12.9913

Details

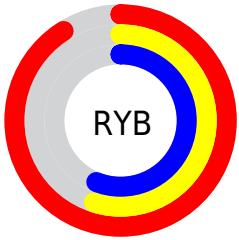
The RGB color 233, 139, 144 is a light color, and the websafe version is hex FF9999. A complement of this color would be 139, 233, 228, and the grayscale version is 168, 168, 168.

A 20% lighter version of the original color is 255, 194, 198, and 175, 87, 94 is the 20% darker color. If you saturate the color by 10%, you get 233, 116, 122, and if you desaturate by 10%, it is 233, 162, 166.

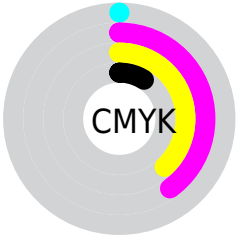
Distribution



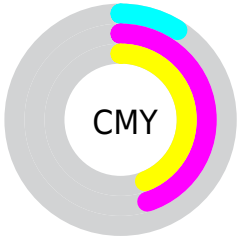
- Red (91%)
- Green (55%)
- Blue (56%)



- Red (91%)
- Yellow (55%)
- Blue (56%)



- Cyan (0%)
- Magenta (40%)
- Yellow (38%)
- Black (9%)



- Cyan (9%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 233, 139, 144 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 233, 139, 144 by changing the saturation by 10% instead.

233, 139, 144

255, 255, 255

255, 194, 198

255, 222, 226

255, 251, 254

233, 139, 144

204, 113, 118

175, 87, 94

146, 62, 70

118, 37, 48

91, 9, 27

65, 0, 0

40, 0, 1

0, 0, 0

233, 139, 144

233, 139, 144

233, 116, 122	233, 162, 166
233, 92, 100	233, 186, 188
233, 69, 78	233, 209, 210
233, 46, 56	233, 232, 232
233, 22, 34	233, 255, 254
233, 0, 12	233, 255, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.

225, 139, 179

233, 139, 144

223, 147, 114

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.

233, 139, 144

126, 179, 119

91, 173, 233

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.

233, 139, 144

139, 233, 228

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.

4, 180, 217

233, 139, 144

79, 183, 152

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.

233, 139, 144

165, 170, 99

6, 184, 187

151, 161, 231

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.

233, 139, 144

208, 155, 101

6, 184, 187

68, 176, 230

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.

233, 139, 144

255, 224, 226

227, 139, 233

128, 110, 111

0, 0, 0

128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.

233, 139, 144

255, 133, 139

233, 180, 139

117, 106, 106

181, 0, 10

54, 0, 3

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.

233, 139, 144

255, 133, 139

139, 192, 233

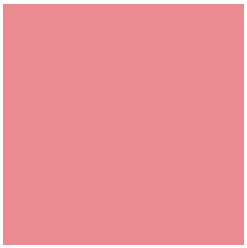
117, 106, 106

181, 0, 10

54, 0, 3

Previews

White Background

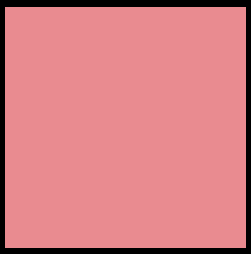


This preview shows how the RGB color 233, 139, 144 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

Black Background



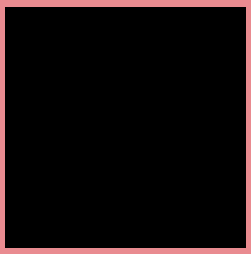
This preview shows how the RGB color 233, 139, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 233, 139, 144 Background



This preview shows how black text looks on a background with the RGB color 233, 139, 144.

This preview shows how white text looks on a background with the RGB color 233, 139, 144.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their article about color blindness.

Dichromacy

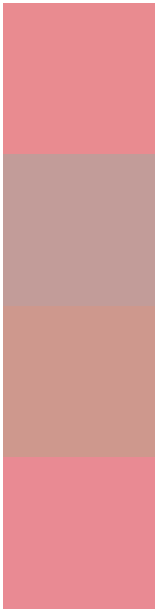
Original Color
233, 139, 144

Protanopia
171, 165, 158

Deuteranopia
191, 160, 140

Tritanopia
233, 138, 149

Trichromacy



Original Color
233, 139, 144

Protanomaly
194, 156, 153

Deuteranomaly
206, 152, 141

Tritanomaly
233, 138, 147

Monochromacy

Original Color
233, 139, 144

Achromatopsia
168, 168, 168

Achromatomaly
192, 157, 159

CSS Examples

Text

The CSS property to change the color of the text to RGB 233, 139, 144 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(233, 139, 144) looks like.

```
.text, #text, p{
    color:rgb(233, 139, 144)
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our CSS Text Shadow Generator.

Here you see how black text with a 4 pixel rgb(233, 139, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 139, 144) }
```

Border

The CSS property to change the border of an element to RGB 233, 139, 144 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 139, 144) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(233, 139, 144) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(233, 139, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 139, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 139, 144); box-shadow:4px 4px 4px 4px rgb(233, 139, 144) }
```

Background

The CSS property to change the background color of an element to RGB 233, 139, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(233, 139, 144) }
```

If only the background color should be changed can be used:

```
.background{ background-color:rgb(233,
139, 144) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our online CSS compressor and optimizer based on csstidy. If you want to create a linear or radial gradient as background or border, check our CSS Gradient Generator.

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