Converting Colors

RGB(137, 234, 187)

Have a look what the booklet for RGB(137, 234, 187) contains.

Color

RGB(137, 234, 187)

Conversions

Conversions Part 1

Format	Color
Hex	89EABB
RGB	137, 234, 187
RGB Percent	54%, 92%, 73%
CMY	0.4627, 0.0824, 0.2667
CMYK	0.41, 0.00, 0.20, 0.08
HSL	151°, 70%, 73%
HSV	151°, 41%, 92%
XYZ	48.7090, 67.7519, 57.5239
YIQ	199.6390, -42.7250, -35.1810

Conversions

Conversions Part 2

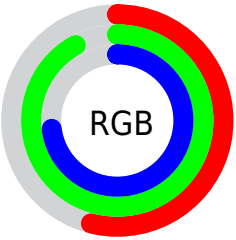
Format	Color
RYB	137, 201, 234
Decimal	9038523
CIELab	85.88, -39.02, 13.98
CIELCh	86, 41.452, 160.293
Yxy	67.7519, 0.2800, 0.3894
Android (android.graphics.Color)	4287228603 (0xFF89EABB)
YUV	199.6390, -6.2310, -54.9344
Hunter-Lab	82.3115, -38.4153, 16.1829

Details

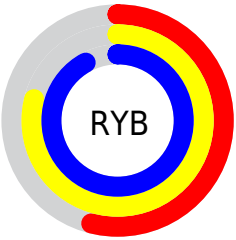
The RGB color 137, 234, 187 is a light color, and the websafe version is hex 99FFCC. A complement of this color would be 234, 137, 184, and the grayscale version is 200, 200, 200.

A 20% lighter version of the original color is 194, 255, 243, and 81, 178, 134 is the 20% darker color. If you saturate the color by 10%, you get 114, 234, 176, and if you desaturate by 10%, it is 160, 234, 198.

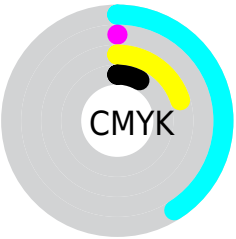
Distribution



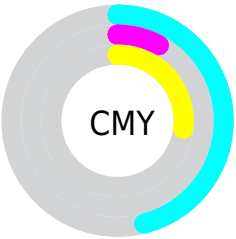
- Red (54%)
- Green (92%)
- Blue (73%)



- Red (54%)
- Yellow (79%)
- Blue (92%)



- Cyan (41%)
- Magenta (0%)
- Yellow (20%)
- Black (8%)



- Cyan (46%)
- Magenta (8%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 234, 187 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 137, 234, 187 by changing the saturation by 10% instead.

137, 234, 187

255, 255, 255

194, 255, 243

223, 255, 255

253, 255, 255

137, 234, 187

109, 206, 160

81, 178, 134

51, 151, 108

11, 124, 84

0, 99, 61

0, 74, 39

0, 50, 18

0, 29, 0

0, 0, 0

137, 234, 187

114, 234, 176

90, 234, 164

67, 234, 153

43, 234, 142

20, 234, 130

0, 234, 121

137, 234, 187

160, 234, 198

184, 234, 210

207, 234, 221

231, 234, 232

254, 234, 244

255, 234, 255

Harmonies

Analogous

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

185, 227, 154

137, 234, 187

89, 236, 227

Triad

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

137, 234, 187

181, 214, 255

255, 191, 166

Complementary

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

137, 234, 187

234, 137, 184

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.

255, 185, 202

137, 234, 187

237, 200, 255

Square

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

137, 234, 187

118, 226, 255

255, 188, 242

255, 203, 141

Rectangle

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

137, 234, 187

69, 235, 253

255, 188, 242

255, 188, 177

Sweetspot

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

137, 234, 187

224, 255, 240

186, 234, 137

110, 128, 119

0, 0, 0

128, 128, 128

Same Dimension

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

137, 234, 187

128, 255, 193

137, 234, 234

106, 117, 112

0, 181, 93

0, 54, 28

Inverse Universe

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

234, 137, 184

255, 128, 189

234, 137, 137

117, 106, 111

181, 0, 88

54, 0, 26

Previews

White Background

This preview shows how the RGB color 137, 234, 187 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 137, 234, 187 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 137, 234, 187 Background

This preview shows how black text looks on a background with the RGB color 137, 234, 187.

This preview shows how white text looks on a background with the RGB color 137, 234, 187.

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
137, 234, 187

Protanopia
226, 213, 177

Deuteranopia
242, 206, 193

Tritanopia
151, 226, 244

Trichromacy

Original Color
137, 234, 187

Protanomaly
194, 221, 181

Deuteranomaly
204, 216, 191

Tritanomaly
146, 229, 223

Monochromacy

Original Color
137, 234, 187

Achromatopsia
200, 200, 200

Achromatomaly
177, 212, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 234, 187 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(137, 234, 187) looks like.

```
.text, #text, p{
    color:rgb(137, 234, 187)
}
```

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(137, 234, 187) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(137, 234, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 234, 187) }
```

Border

The CSS property to change the border of an element to RGB 137, 234, 187 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(137, 234, 187) }
```

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

```
.border{ border-color:rgb(137, 234, 187) }
```

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

Here you see how a box with a 4 pixel rgb(137, 234, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 234, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 234, 187); box-shadow:4px 4px 4px 4px rgb(137, 234, 187) }
```

Background

The CSS property to change the background color of an element to RGB 137, 234, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(137, 234, 187) }
```

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

```
.background{ background-color:rgb(137, 234, 187) }
```

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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