Converting Colors

RGB(137, 239, 234)

Have a look what the booklet for RGB(137, 239, 234) contains.

Color

RGB(137, 239, 234)

Conversions

Conversions Part 1

Format	Color
Hex	89EFEA
RGB	137, 239, 234
RGB Percent	54%, 94%, 92%
CMY	0.4627, 0.0627, 0.0824
CMYK	0.43, 0.00, 0.02, 0.06
HSL	177°, 76%, 74%
HSV	177°, 43%, 94%
XYZ	56.0343, 72.9919, 88.9774
YIQ	207.9320, -59.1870, -23.1790

Conversions

Conversions Part 2

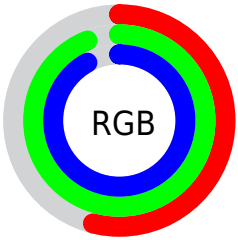
Format	Color
RYB	137, 189, 239
Decimal	9039850
CIELab	88.44, -30.94, -6.91
CIELCh	88, 31.699, 192.587
Yxy	72.9919, 0.2570, 0.3348
Android (android.graphics.Color)	4287229930 (0xFF89EFEA)
YUV	207.9320, 12.8515, -62.2074
Hunter-Lab	85.4353, -32.4392, -1.9435

Details

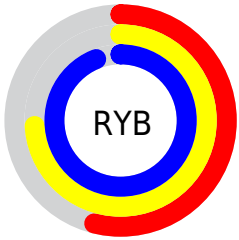
The RGB color 137, 239, 234 is a light color, and the websafe version is hex 99FFFF. A complement of this color would be 239, 137, 142, and the grayscale version is 208, 208, 208.

A 20% lighter version of the original color is 195, 255, 255, and 78, 183, 178 is the 20% darker color. If you saturate the color by 10%, you get 113, 239, 233, and if you desaturate by 10%, it is 161, 239, 235.

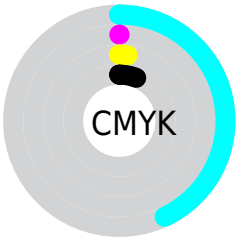
Distribution



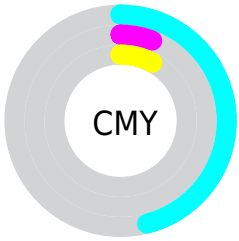
- Red (54%)
- Green (94%)
- Blue (92%)



- Red (54%)
- Yellow (74%)
- Blue (94%)



- Cyan (43%)
- Magenta (0%)
- Yellow (2%)
- Black (6%)



- Cyan (46%)
- Magenta (6%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 137, 239, 234 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, 239, 234 by changing the saturation by 10% instead.

137, 239, 234

255, 255, 255

195, 255, 255

225, 255, 255

255, 255, 255

137, 239, 234

108, 210, 206

78, 183, 178

45, 156, 152

0, 129, 126

0, 104, 101

0, 79, 77

0, 55, 54

0, 35, 33

0, 0, 10

137, 239, 234

113, 239, 233

89, 239, 232

65, 239, 230

41, 239, 229

17, 239, 228

0, 239, 227

137, 239, 234

161, 239, 235

185, 239, 236

209, 239, 238

233, 239, 239

255, 239, 240

255, 239, 241

255, 239, 242

255, 239, 243

255, 239, 245

Harmonies

Analogous

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

163, 238, 203

137, 239, 234

134, 236, 255

Triad

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

137, 239, 234

242, 210, 255

255, 214, 165

Complementary

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

137, 239, 234

239, 137, 142

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, 205, 182

137, 239, 234

255, 202, 241

Square

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

137, 239, 234

202, 220, 255

255, 200, 210

231, 224, 163

Rectangle

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

137, 239, 234

149, 233, 255

255, 200, 210

255, 211, 169

Sweetspot

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

137, 239, 234

222, 255, 253

142, 239, 137

107, 128, 127

0, 0, 0

128, 128, 128

Same Dimension

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

137, 239, 234

125, 255, 249

137, 193, 239

108, 120, 119

0, 184, 175

0, 56, 53

Inverse Universe

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

239, 137, 142

255, 125, 131

239, 183, 137

120, 108, 108

184, 0, 9

56, 0, 3

Previews

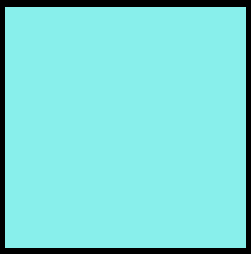
White Background

This preview shows how the RGB color 137, 239, 234 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



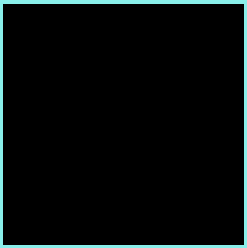
This preview shows how the RGB color 137, 239, 234 looks on a black background.

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, 239, 234 Background



This preview shows how black text looks on a background with the RGB color 137, 239, 234.

This preview shows how white text looks on a background with the RGB color 137, 239, 234.

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, 239, 234

Protanopia
224, 220, 223

Deuteranopia
234, 215, 239

Tritanopia
143, 236, 255

Trichromacy

Original Color
137, 239, 234

Protanomaly
192, 227, 227

Deuteranomaly
199, 224, 237

Tritanomaly
141, 237, 247

Monochromacy

Original Color
137, 239, 234

Achromatopsia
208, 208, 208

Achromatomaly
182, 219, 217

CSS Examples

Text

The CSS property to change the color of the text to RGB 137, 239, 234 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, 239, 234) looks like.

```
.text, #text, p{
    color:rgb(137, 239, 234)
}
```

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, 239, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 239, 234) }
```

Border

The CSS property to change the border of an element to RGB 137, 239, 234 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, 239, 234) }
```

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

```
.border{ border-color:rgb(137, 239, 234) }
```

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

Here you see how a box with a 4 pixel rgb(137, 239, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 239, 234); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 239, 234); box-shadow:4px 4px 4px 4px rgb(137, 239, 234) }
```

Background

The CSS property to change the background color of an element to RGB 137, 239, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(137, 239, 234) }
```

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

```
.background{ background-color:rgb(137,
239, 234) }
```

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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