Converting Colors

RGB(58, 239, 187)

Have a look what the booklet for RGB(58, 239, 187) contains.

Color

RGB(58, 239, 187)

Conversions

Conversions Part 1

Format	Color
Hex	3AEFBB
RGB	58, 239, 187
RGB Percent	23%, 94%, 73%
CMY	0.7725, 0.0627, 0.2667
CMYK	0.76, 0.00, 0.22, 0.06
HSL	163°, 85%, 58%
HSV	163°, 76%, 94%
XYZ	41.5811, 66.2204, 57.6040
YIQ	178.9530, -91.1840, -54.5440

Conversions

Conversions Part 2

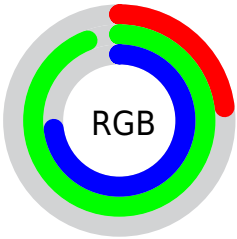
Format	Color
RYB	58, 164, 239
Decimal	3862459
CIELab	85.11, -56.25, 12.57
CIELCh	85, 57.633, 167.403
Yxy	66.2204, 0.2514, 0.4004
Android (android.graphics.Color)	4282052539 (0xFF3AEFBB)
YUV	178.9530, 3.9672, -106.0758
Hunter-Lab	81.3759, -51.1988, 14.9932

Details

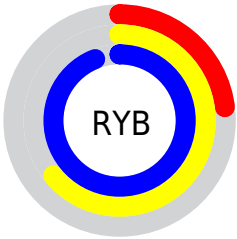
The RGB color 58, 239, 187 is a light color, and the websafe version is hex 33FFCC. The color can be described as light washed spring green. A complement of this color would be 239, 58, 110, and the grayscale version is 179, 179, 179.

A 20% lighter version of the original color is 131, 255, 243, and 0, 182, 134 is the 20% darker color. If you saturate the color by 10%, you get 34, 239, 180, and if you desaturate by 10%, it is 82, 239, 194.

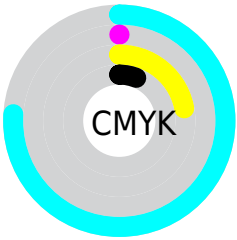
Distribution



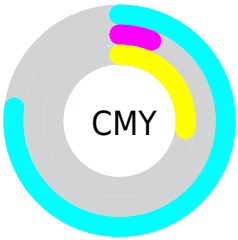
- Red (23%)
- Green (94%)
- Blue (73%)



- Red (23%)
- Yellow (64%)
- Blue (94%)



- Cyan (76%)
- Magenta (0%)
- Yellow (22%)
- Black (6%)



- Cyan (77%)
- Magenta (6%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 58, 239, 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 58, 239, 187 by changing the saturation by 10% instead.

58, 239, 187

255, 255, 255

131, 255, 243

163, 255, 255

195, 255, 255

226, 255, 255

58, 239, 187

0, 210, 160

0, 182, 134

0, 154, 108

0, 127, 84

0, 101, 61

0, 76, 39

0, 52, 18

0, 26, 0

0, 0, 0

58, 239, 187

34, 239, 180

10, 239, 173

0, 239, 170

58, 239, 187

82, 239, 194

106, 239, 201

130, 239, 208

154, 239, 214

177, 239, 221

201, 239, 228

225, 239, 235

249, 239, 242

255, 239, 249

Harmonies

Analogous

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

152, 232, 136

58, 239, 187

0, 240, 243

Triad

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

58, 239, 187

180, 207, 255

255, 182, 135

Complementary

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

58, 239, 187

239, 58, 110

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, 168, 183

58, 239, 187

255, 186, 255

Square

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

58, 239, 187

37, 225, 255

255, 170, 238

255, 201, 105

Rectangle

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

58, 239, 187

0, 238, 255

255, 170, 238

255, 176, 149

Sweetspot

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

58, 239, 187

196, 255, 238

112, 239, 58

92, 128, 117

0, 0, 0

128, 128, 128

Same Dimension

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

58, 239, 187

23, 255, 188

58, 203, 239

108, 120, 116

0, 184, 131

0, 56, 40

Inverse Universe

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

239, 58, 110

255, 23, 90

239, 94, 58

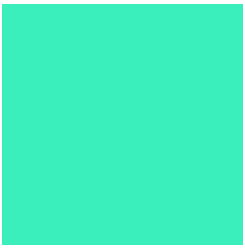
120, 108, 111

184, 0, 53

56, 0, 16

Previews

White Background

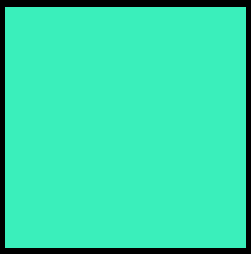


This preview shows how the RGB color 58, 239, 187 looks on a white background.

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 58, 239, 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 58, 239, 187 Background

This preview shows how black text looks on a background with the RGB color 58, 239, 187.

This preview shows how white text looks on a background with the RGB color 58, 239, 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

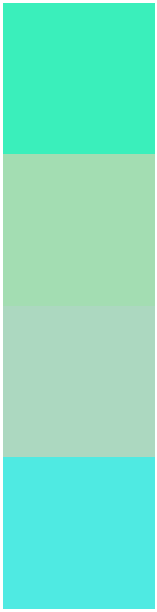
Original Color
58, 239, 187

Protanopia
223, 210, 173

Deuteranopia
237, 203, 195

Tritanopia
91, 231, 249

Trichromacy



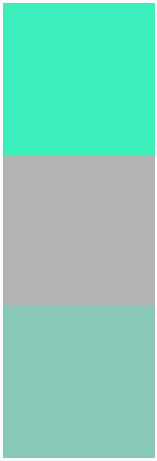
Original Color
58, 239, 187

Protanomaly
163, 221, 178

Deuteranomaly
172, 216, 192

Tritanomaly
79, 234, 226

Monochromacy



Original Color
58, 239, 187

Achromatopsia
179, 179, 179

Achromatomaly
135, 201, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 58, 239, 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(58, 239, 187) looks like.

```
.text, #text, p{
    color:rgb(58, 239, 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(58, 239, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 239, 187) }
```

Border

The CSS property to change the border of an element to RGB 58, 239, 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(58, 239, 187) }
```

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

```
.border{ border-color:rgb(58, 239, 187) }
```

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

Here you see how a box with a 4 pixel rgb(58, 239, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(58, 239, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(58, 239, 187); box-shadow:4px 4px 4px 4px rgb(58, 239, 187) }
```

Background

The CSS property to change the background color of an element to RGB 58, 239, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(58, 239, 187) }
```

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

```
.background{ background-color:rgb(58, 239,
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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