

Converting Colors

RGB(68, 244, 183)

Have a look what the booklet for
RGB(68, 244, 183) contains.

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Color

RGB(68, 244, 183)

Conversions

Conversions Part 1

Format	Color
Hex	44F4B7
RGB	68, 244, 183
RGB Percent	27%, 96%, 72%
CMY	0.7333, 0.0431, 0.2824
CMYK	0.72, 0.00, 0.25, 0.04
HSL	159°, 89%, 61%
HSV	159°, 72%, 96%
XYZ	43.2818, 69.3492, 55.9043
YIQ	184.4220, -85.3150, -56.2830

Conversions

Conversions Part 2

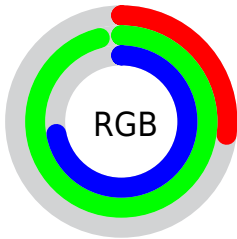
Format	Color
RYB	68, 174, 244
Decimal	4519095
CIELab	86.68, -57.90, 16.88
CIELCh	87, 60.309, 163.747
Yxy	69.3492, 0.2568, 0.4115
Android (android.graphics.Color)	4282709175 (0xFF44F4B7)
YUV	184.4220, -0.7010, -102.1021
Hunter-Lab	83.2762, -52.9600, 18.4912

Details

The RGB color **68, 244, 183** 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 **244, 68, 129**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **138, 255, 239**, and **0, 187, 130** is the 20% darker color. If you saturate the color by 10%, you get **44, 244, 175**, and if you desaturate by 10%, it is **92, 244, 191**.

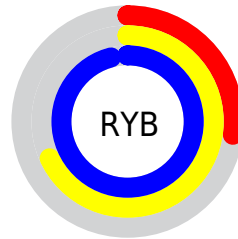
Distribution



Red (27%)

Green (96%)

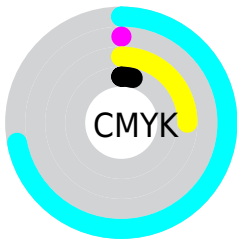
Blue (72%)



Red (27%)

Yellow (68%)

Blue (96%)

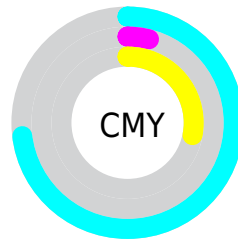


Cyan (72%)

Magenta (0%)

Yellow (25%)

Black (4%)



Cyan (73%)

















Magenta (4%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 68, 244, 183 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 68, 244, 183 by changing the saturation by 10% instead.

 68, 244, 183	 68, 244, 183
 255, 255, 255	 0, 215, 156
 138, 255, 239	 0, 187, 130
 170, 255, 255	 0, 159, 105
 201, 255, 255	 0, 132, 80
 232, 255, 255	 0, 105, 57
	 0, 80, 35
	 0, 56, 14
	 0, 31, 0
	 0, 0, 0

■ 68, 244, 183

■ 68, 244, 183

■ 44, 244, 175

■ 92, 244, 191

■ 19, 244, 166

■ 117, 244, 200

■ 0, 244, 159

■ 141, 244, 208

■ 166, 244, 217

■ 190, 244, 225

■ 214, 244, 234

■ 239, 244, 242

■ 255, 244, 251

■ 255, 244, 255

Harmonies

Analogous

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



162, 236, 131



68, 244, 183



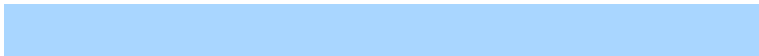
0, 246, 242

Triad

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



68, 244, 183



169, 214, 255



255, 182, 140

Complementary

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



68, 244, 183



244, 68, 129

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, 169, 193



68, 244, 183



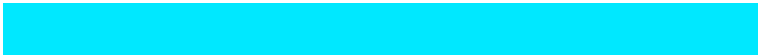
255, 192, 255

Square

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



68, 244, 183



0, 232, 255



255, 173, 251



255, 203, 106

Rectangle

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



68, 244, 183



0, 244, 255



255, 173, 251



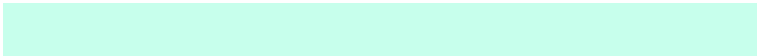
255, 176, 156

Sweetspot

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



68, 244, 183



199, 255, 236



130, 244, 68



94, 128, 116



0, 0, 0



128, 128, 128

Same Dimension

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



68, 244, 183



33, 255, 178



68, 218, 244



110, 122, 118



0, 186, 122



0, 59, 38

Inverse Universe

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



244, 68, 129



255, 33, 110



244, 94, 68



122, 110, 114



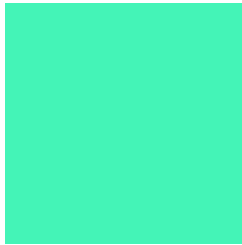
186, 0, 65



59, 0, 20

Previews

White Background



This preview shows how the RGB color 68, 244, 183 looks on a white background.

Color Contrast Check

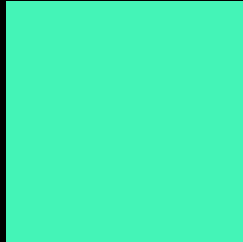
Large Text (above 18pt) WCAG AA × Fail

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 68, 244, 183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

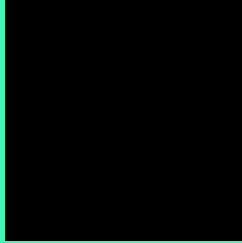
Any Text WCAG AA ✓ Pass

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 68, 244, 183 Background



This preview shows how black text looks on a background with the RGB color 68, 244, 183.

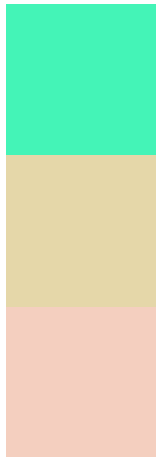


This preview shows how white text looks on a background with the RGB color 68, 244, 183.

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](#).

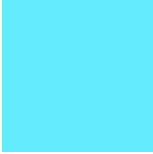
Dichromacy



Original Color
68, 244, 183

Protanopia
229, 215, 169

Deuteranopia
244, 207, 191



Tritanopia
100, 235, 254

Trichromacy



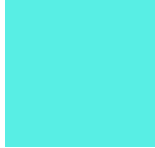
Original Color
68, 244, 183



Protanomaly
170, 226, 174



Deuteranomaly
180, 220, 188

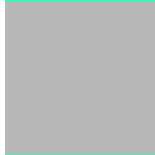


Tritanomaly
88, 238, 228

Monochromacy



Original Color
68, 244, 183



Achromatopsia
184, 184, 184



Achromatomaly
142, 206, 184

CSS Examples

Text

The CSS property to change the color of the text to RGB 68, 244, 183 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(68, 244, 183)` looks like.

```
.text, #text, p{  
    color:rgb(68, 244, 183)  
}
```

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(68, 244, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 244, 183) }
```

Border

The CSS property to change the border of an element to RGB 68, 244, 183 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(68, 244, 183) }
```

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

```
.border{ border-color:rgb(68, 244, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 244, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 244, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 244, 183);  
box-shadow:4px 4px 4px 4px rgb(68, 244,  
183) }
```

Background

The CSS property to change the background color of an element to RGB 68, 244, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 244, 183) }
```

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

```
.background{ background-color: rgb(68, 244,  
183) }
```

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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