

Converting Colors

RGB(68, 255, 211)

Have a look what the booklet for
RGB(68, 255, 211) contains.

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Color

RGB(68, 255, 211)

Conversions

Conversions Part 1

Format	Color
Hex	44FFD3
RGB	68, 255, 211
RGB Percent	27%, 100%, 83%
CMY	0.7333, 0.0000, 0.1725
CMYK	0.73, 0.00, 0.17, 0.00
HSL	166°, 100%, 63%
HSV	166°, 73%, 100%
XYZ	49.9018, 77.4521, 73.9477
YIQ	194.0710, -97.3280, -53.3280

Conversions

Conversions Part 2

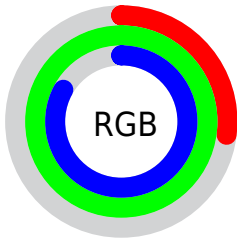
Format	Color
RYB	68, 174, 255
Decimal	4521939
CIELab	90.53, -55.82, 7.87
CIElCh	91, 56.367, 171.973
Yxy	77.4521, 0.2479, 0.3848
Android (android.graphics.Color)	4282712019 (0xFF44FFD3)
YUV	194.0710, 8.3460, -110.5643
Hunter-Lab	88.0069, -52.7987, 11.7865

Details

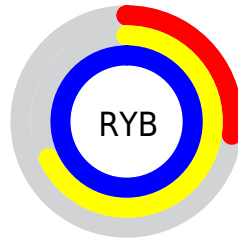
The RGB color **68, 255, 211** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **255, 68, 112**, and the grayscale version is **194, 194, 194**.

A 20% lighter version of the original color is **141, 255, 255**, and **0, 197, 157** is the 20% darker color. If you saturate the color by 10%, you get **42, 255, 205**, and if you desaturate by 10%, it is **93, 255, 217**.

Distribution



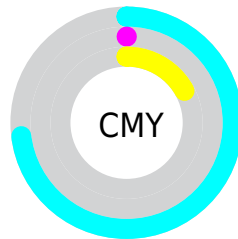
- Red (27%)
- Green (100%)
- Blue (83%)



- Red (27%)
- Yellow (68%)
- Blue (100%)



- Cyan (73%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)



















- Cyan (73%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 68, 255, 211 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, 255, 211 by changing the saturation by 10% instead.

 68, 255, 211	 68, 255, 211
 255, 255, 255	 0, 226, 183
 141, 255, 255	 0, 197, 157
 173, 255, 255	 0, 169, 130
 205, 255, 255	 0, 142, 105
 237, 255, 255	 0, 115, 81
	 0, 89, 58
	 0, 64, 37
	 0, 42, 16
	 0, 4, 0

 68, 255, 211

 68, 255, 211

 42, 255, 205

 93, 255, 217

 17, 255, 199

 119, 255, 223

 0, 255, 195

 145, 255, 229

 170, 255, 235

 195, 255, 241

 221, 255, 247

 246, 255, 253

255, 255, 255

Harmonies

Analogous

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



158, 249, 159



68, 255, 211



0, 255, 255

Triad

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



68, 255, 211



210, 219, 255



255, 200, 145

Complementary

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



68, 255, 211



255, 68, 112

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, 186, 190



68, 255, 211



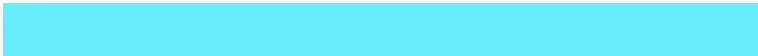
255, 199, 255

Square

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



68, 255, 211



105, 238, 255



255, 185, 245



255, 220, 119

Rectangle

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



68, 255, 211



0, 253, 255



255, 185, 245



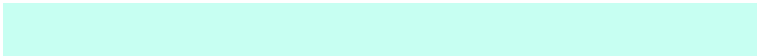
255, 195, 158

Sweetspot

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



68, 255, 211



199, 255, 242



115, 255, 68



94, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



68, 255, 211



31, 255, 202



68, 208, 255



115, 128, 125



0, 191, 146



0, 64, 49

Inverse Universe

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



255, 68, 112



255, 31, 83



255, 115, 68



128, 115, 118



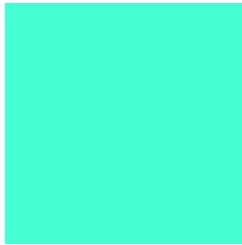
191, 0, 45



64, 0, 15

Previews

White Background



This preview shows how the RGB color 68, 255, 211 looks on a white background.

Color Contrast Check

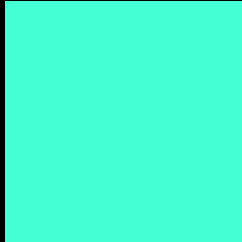
Large Text (above 18pt) WCAG AA × Fail

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, 255, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

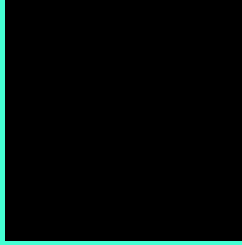
Any Text WCAG AA ✓ Pass

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, 255, 211 Background



This preview shows how black text looks on a background with the RGB color 68, 255, 211.

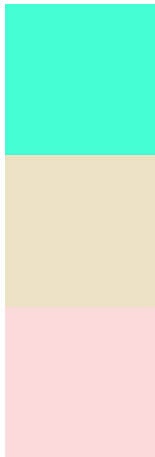


This preview shows how white text looks on a background with the RGB color 68, 255, 211.

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, 255, 211

Protanopia
237, 225, 195

Deuteranopia
250, 218, 219

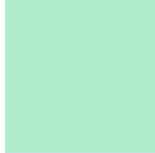


Tritanopia
153, 241, 255

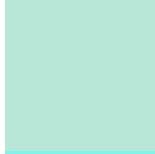
Trichromacy



Original Color
68, 255, 211



Protanomaly
176, 236, 201



Deuteranomaly
184, 231, 216

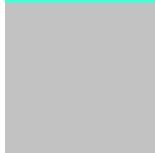


Tritanomaly
122, 246, 239

Monochromacy



Original Color
68, 255, 211



Achromatopsia
194, 194, 194



Achromatomaly
148, 216, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 68, 255, 211 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, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(68, 255, 211)  
}
```

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, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 255, 211) }
```

Border

The CSS property to change the border of an element to RGB 68, 255, 211 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, 255, 211) }
```

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

```
.border{ border-color:rgb(68, 255, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 255, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(68, 255,  
211) }
```

Background

The CSS property to change the background color of an element to RGB 68, 255, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 255, 211) }
```

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

```
.background{ background-color: rgb(68, 255,  
211) }
```

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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