

Converting Colors

RGB(29, 251, 191)

Have a look what the booklet for
RGB(29, 251, 191) contains.

RGB(29, 251, 191)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(29, 251, 191)

Conversions

Conversions Part 1

Format	Color
Hex	1DFBBF
RGB	29, 251, 191
RGB Percent	11%, 98%, 75%
CMY	0.8863, 0.0157, 0.2510
CMYK	0.88, 0.00, 0.24, 0.02
HSL	164°, 97%, 55%
HSV	164°, 88%, 98%
XYZ	44.4078, 73.0172, 61.0434
YIQ	177.7820, -113.0520, -65.7240

Conversions

Conversions Part 2

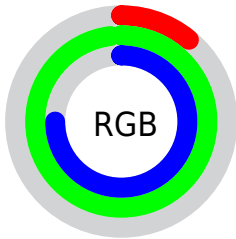
Format	Color
RYB	29, 157, 251
Decimal	1964991
CIELab	88.46, -62.26, 15.18
CIELCh	88, 64.084, 166.295
Yxy	73.0172, 0.2488, 0.4091
Android (android.graphics.Color)	4280155071 (0xFF1DFBBF)
YUV	177.7820, 6.5165, -130.4818
Hunter-Lab	85.4501, -56.7724, 17.4598

Details

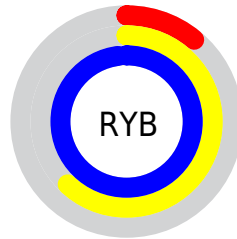
The RGB color **29, 251, 191** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **251, 29, 89**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **121, 255, 247**, and **0, 193, 137** is the 20% darker color. If you saturate the color by 10%, you get **4, 251, 184**, and if you desaturate by 10%, it is **54, 251, 198**.

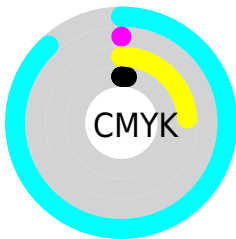
Distribution



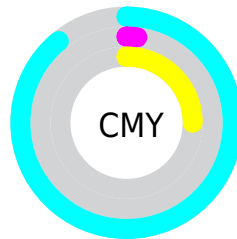
- Red (11%)
- Green (98%)
- Blue (75%)



- Red (11%)
- Yellow (62%)
- Blue (98%)



- Cyan (88%)
- Magenta (0%)
- Yellow (24%)
- Black (2%)




















- Cyan (89%)
- Magenta (2%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 29, 251, 191 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 29, 251, 191 by changing the saturation by 10% instead.

 29, 251, 191	 29, 251, 191
 255, 255, 255	 0, 222, 164
 121, 255, 247	 0, 193, 137
 155, 255, 255	 0, 165, 112
 187, 255, 255	 0, 138, 87
 220, 255, 255	 0, 111, 64
 252, 255, 255	 0, 85, 42
	 0, 60, 21
	 0, 36, 0
	 0, 0, 0

 29, 251, 191

 29, 251, 191

 4, 251, 184

 54, 251, 198

 0, 251, 183

 79, 251, 205

 104, 251, 211

 129, 251, 218

 155, 251, 225

 180, 251, 232

 205, 251, 238

 230, 251, 245

 255, 251, 252

Harmonies

Analogous

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



156, 243, 134



29, 251, 191



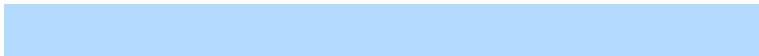
0, 253, 254

Triad

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



29, 251, 191



179, 217, 255



255, 186, 136

Complementary

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



29, 251, 191



251, 29, 89

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, 171, 191



29, 251, 191



255, 193, 255

Square

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



29, 251, 191



0, 237, 255



255, 173, 253



255, 209, 101

Rectangle

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



29, 251, 191



0, 251, 255



255, 173, 253



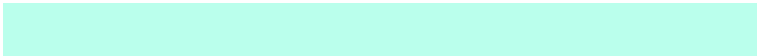
255, 180, 153

Sweetspot

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



29, 251, 191



186, 255, 236



92, 251, 29



87, 128, 116



0, 0, 0



128, 128, 128

Same Dimension

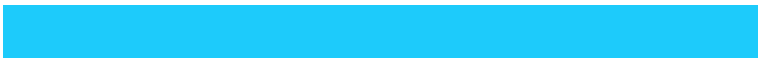
The Same Dimension uses a secret algorithm to generate beautiful new colors.



29, 251, 191



0, 255, 186



29, 203, 251



112, 125, 122



0, 189, 138



0, 61, 45

Inverse Universe

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



251, 29, 89



255, 0, 69



251, 77, 29



125, 112, 116



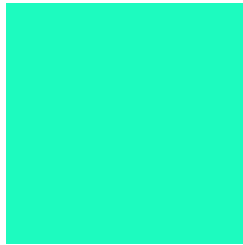
189, 0, 51



61, 0, 17

Previews

White Background



This preview shows how the RGB color 29, 251, 191 looks on a white background.

Color Contrast Check

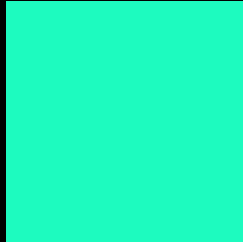
Large Text (above 18pt) WCAG AA × Fail

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 29, 251, 191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

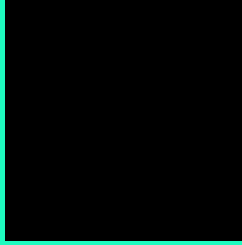
Any Text WCAG AA ✓ Pass

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 29, 251, 191 Background



This preview shows how black text looks on a background with the RGB color 29, 251, 191.



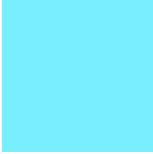
This preview shows how white text looks on a background with the RGB color 29, 251, 191.

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](#).

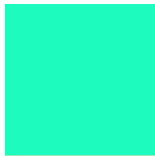
Dichromacy





Tritanopia
120, 238, 255

Trichromacy



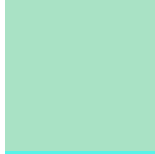
Original Color

29, 251, 191



Protanomaly

159, 231, 181



Deuteranomaly

169, 226, 197



Tritanomaly

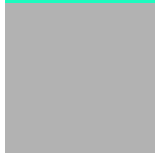
87, 243, 232

Monochromacy



Original Color

29, 251, 191



Achromatopsia

178, 178, 178



Achromatomaly

124, 205, 183

CSS Examples

Text

The CSS property to change the color of the text to RGB 29, 251, 191 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(29, 251, 191)` looks like.

```
.text, #text, p{  
    color:rgb(29, 251, 191)  
}
```

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(29, 251, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 251, 191) }
```

Border

The CSS property to change the border of an element to RGB 29, 251, 191 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(29, 251, 191) }
```

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

```
.border{ border-color:rgb(29, 251, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 251, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 251, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 251, 191);  
box-shadow:4px 4px 4px 4px rgb(29, 251,  
191) }
```

Background

The CSS property to change the background color of an element to RGB 29, 251, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 251, 191) }
```

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

```
.background{ background-color: rgb(29, 251,  
191) }
```

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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