

Converting Colors

RGB(28, 250, 181)

Have a look what the booklet for
RGB(28, 250, 181) contains.

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Color

RGB(28, 250, 181)

Conversions

Conversions Part 1

Format	Color
Hex	1CFAB5
RGB	28, 250, 181
RGB Percent	11%, 98%, 71%
CMY	0.8902, 0.0196, 0.2902
CMYK	0.89, 0.00, 0.28, 0.02
HSL	161°, 96%, 55%
HSV	161°, 89%, 98%
XYZ	43.0050, 71.9543, 55.3380
YIQ	175.7560, -110.1630, -68.5230

Conversions

Conversions Part 2

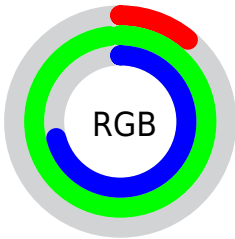
Format	Color
RYB	28, 159, 250
Decimal	1899189
CIELab	87.95, -64.19, 19.61
CIELCh	88, 67.123, 163.012
Yxy	71.9543, 0.2525, 0.4225
Android (android.graphics.Color)	4280089269 (0xFF1CFAB5)
YUV	175.7560, 2.5853, -129.5820
Hunter-Lab	84.8259, -57.9494, 20.6990

Details

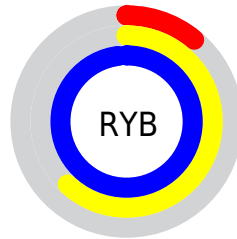
The RGB color **28, 250, 181** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **250, 28, 97**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **120, 255, 237**, and **0, 192, 128** is the 20% darker color. If you saturate the color by 10%, you get **3, 250, 173**, and if you desaturate by 10%, it is **53, 250, 189**.

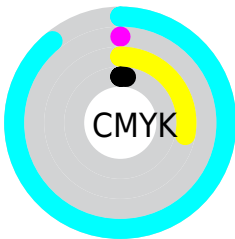
Distribution



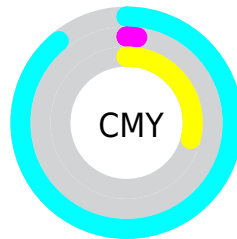
- Red (11%)
- Green (98%)
- Blue (71%)



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



- Cyan (89%)
- Magenta (0%)
- Yellow (28%)
- Black (2%)




















- Cyan (89%)
- Magenta (2%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 28, 250, 181 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 28, 250, 181 by changing the saturation by 10% instead.

 28, 250, 181	 28, 250, 181
 255, 255, 255	 0, 221, 154
 120, 255, 237	 0, 192, 128
 154, 255, 255	 0, 164, 103
 186, 255, 255	 0, 137, 78
 218, 255, 255	 0, 110, 55
 250, 255, 255	 0, 84, 33
	 0, 59, 11
	 0, 35, 0
	 0, 0, 0

 28, 250, 181

 28, 250, 181

 3, 250, 173

 53, 250, 189

 0, 250, 172

 78, 250, 197

 103, 250, 204

 128, 250, 212

 153, 250, 220

 178, 250, 228

 203, 250, 235

 228, 250, 243

 253, 250, 251

Harmonies

Analogous

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



159, 241, 123



28, 250, 181



0, 253, 247

Triad

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



28, 250, 181



159, 218, 255



255, 180, 136

Complementary

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



28, 250, 181



250, 28, 97

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, 165, 195



28, 250, 181



255, 192, 255

Square

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



28, 250, 181



0, 238, 255



255, 170, 255



255, 204, 95

Rectangle

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



28, 250, 181



0, 251, 255



255, 170, 255



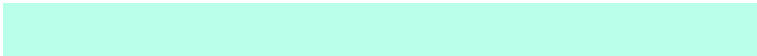
255, 174, 154

Sweetspot

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



28, 250, 181



186, 255, 234



98, 250, 28



87, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



28, 250, 181



0, 255, 176



28, 209, 250



112, 125, 121



0, 189, 130



0, 61, 42

Inverse Universe

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



250, 28, 97



255, 0, 79



250, 69, 28



125, 112, 116



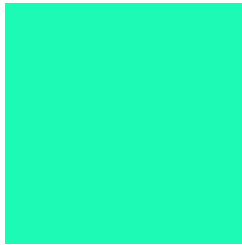
189, 0, 59



61, 0, 19

Previews

White Background



This preview shows how the RGB color 28, 250, 181 looks on a white background.

Color Contrast Check

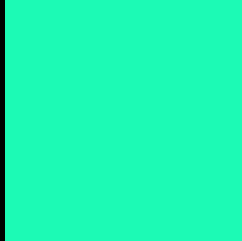
Large Text (above 18pt) WCAG AA × Fail

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 28, 250, 181 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 28, 250, 181 Background



This preview shows how black text looks on a background with the RGB color 28, 250, 181.

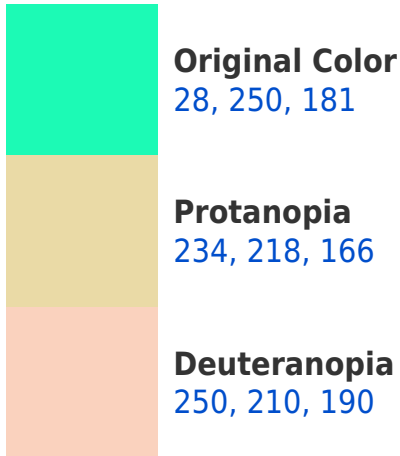


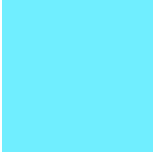
This preview shows how white text looks on a background with the RGB color 28, 250, 181.

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](#).

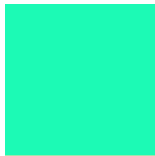
Dichromacy





Tritanopia
112, 238, 255

Trichromacy



Original Color

28, 250, 181



Protanomaly

159, 230, 171



Deuteranomaly

169, 225, 187



Tritanomaly

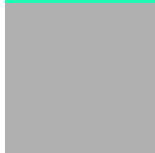
81, 242, 228

Monochromacy



Original Color

28, 250, 181



Achromatopsia

176, 176, 176



Achromatomaly

122, 203, 178

CSS Examples

Text

The CSS property to change the color of the text to RGB 28, 250, 181 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(28, 250, 181)` looks like.

```
.text, #text, p{  
    color:rgb(28, 250, 181)  
}
```

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(28, 250, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 250, 181) }
```

Border

The CSS property to change the border of an element to RGB 28, 250, 181 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(28, 250, 181) }
```

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

```
.border{ border-color:rgb(28, 250, 181) }
```

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

Here you see how a box with a 4 pixel rgb(28, 250, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 250, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 250, 181);  
box-shadow:4px 4px 4px 4px rgb(28, 250,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 28, 250, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 250, 181) }
```

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

```
.background{ background-color: rgb(28, 250,  
181) }
```

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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