

Converting Colors

RGB(13, 252, 184)

Have a look what the booklet for
RGB(13, 252, 184) contains.

RGB(13, 252, 184)	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(13, 252, 184)

Conversions

Conversions Part 1

Format	Color
Hex	0DFCB8
RGB	13, 252, 184
RGB Percent	5%, 99%, 72%
CMY	0.9490, 0.0118, 0.2784
CMYK	0.95, 0.00, 0.27, 0.01
HSL	163°, 98%, 52%
HSV	163°, 95%, 99%
XYZ	43.6281, 73.1671, 57.1706
YIQ	172.7870, -120.6160, -71.8160

Conversions

Conversions Part 2

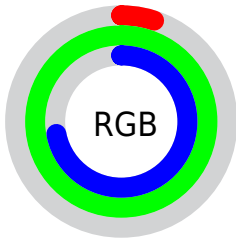
Format	Color
RYB	13, 152, 252
Decimal	916664
CIELab	88.53, -64.85, 18.87
CIELCh	89, 67.542, 163.777
Yxy	73.1671, 0.2508, 0.4206
Android (android.graphics.Color)	4279106744 (0xFF0DFCB8)
YUV	172.7870, 5.5280, -140.1332
Hunter-Lab	85.5377, -58.6480, 20.2489

Details

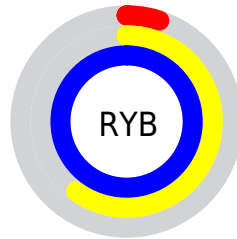
The RGB color **13, 252, 184** is a dark color, and the websafe version is hex **00FFCC**. The color can be described as middle saturated spring green. A complement of this color would be **252, 13, 81**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **117, 255, 240**, and **0, 194, 131** is the 20% darker color. If you saturate the color by 10%, you get **0, 252, 180**, and if you desaturate by 10%, it is **38, 252, 191**.

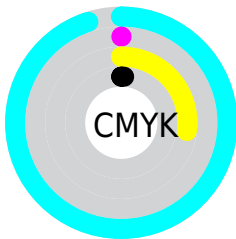
Distribution



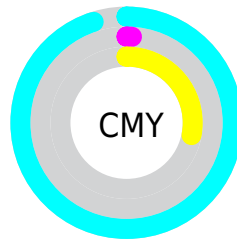
- Red (5%)
- Green (99%)
- Blue (72%)



- Red (5%)
- Yellow (60%)
- Blue (99%)



- Cyan (95%)
- Magenta (0%)
- Yellow (27%)
- Black (1%)




















- Cyan (95%)
- Magenta (1%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RGB color 13, 252, 184 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 13, 252, 184 by changing the saturation by 10% instead.

 13, 252, 184	 13, 252, 184
 255, 255, 255	 0, 223, 157
 117, 255, 240	 0, 194, 131
 151, 255, 255	 0, 166, 105
 184, 255, 255	 0, 138, 81
 217, 255, 255	 0, 112, 58
 249, 255, 255	 0, 86, 36
	 0, 61, 14
	 0, 36, 0
	 0, 0, 0

■ 13, 252, 184

■ 13, 252, 184

■ 0, 252, 180

■ 38, 252, 191

■ 63, 252, 198

■ 89, 252, 206

■ 114, 252, 213

■ 139, 252, 220

■ 164, 252, 227

■ 189, 252, 234

■ 215, 252, 241

■ 240, 252, 249

Harmonies

Analogous

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



158, 243, 125



13, 252, 184



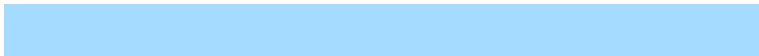
0, 254, 251

Triad

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



13, 252, 184



164, 219, 255



255, 182, 136

Complementary

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



13, 252, 184



252, 13, 81

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, 167, 195



13, 252, 184



255, 193, 255

Square

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



13, 252, 184



0, 239, 255



255, 171, 255



255, 206, 95

Rectangle

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



13, 252, 184



0, 253, 255



255, 171, 255



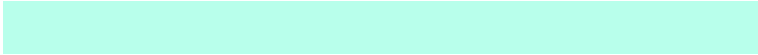
255, 175, 154

Sweetspot

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



13, 252, 184



184, 255, 235



85, 252, 13



84, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

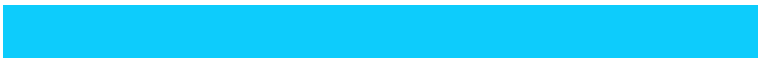
The Same Dimension uses a secret algorithm to generate beautiful new colors.



13, 252, 184



0, 255, 182



13, 204, 252



112, 125, 121



0, 189, 135



0, 61, 44

Inverse Universe

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



252, 13, 81



255, 0, 73



252, 61, 13



125, 112, 116



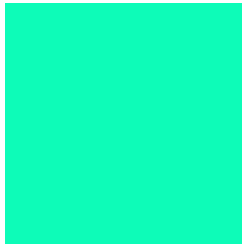
189, 0, 54



61, 0, 17

Previews

White Background



This preview shows how the RGB color 13, 252, 184 looks on a white background.

Color Contrast Check

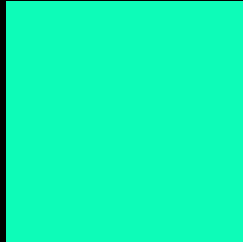
Large Text (above 18pt) WCAG AA × Fail

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 13, 252, 184 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

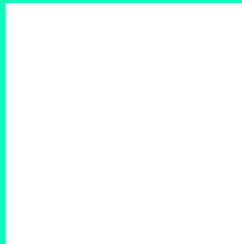
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 13, 252, 184 Background



This preview shows how black text looks on a background with the RGB color 13, 252, 184.

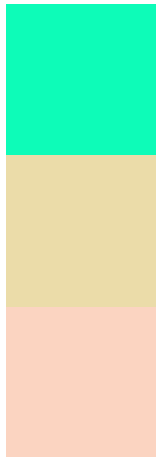


This preview shows how white text looks on a background with the RGB color 13, 252, 184.

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](#).

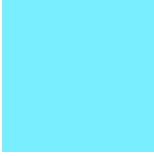
Dichromacy



Original Color
13, 252, 184

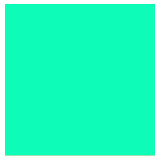
Protanopia
235, 220, 169

Deuteranopia
251, 212, 193



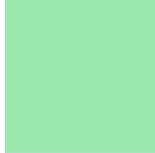
Tritanopia
121, 238, 255

Trichromacy



Original Color

13, 252, 184



Protanomaly

154, 232, 174



Deuteranomaly

164, 227, 190



Tritanomaly

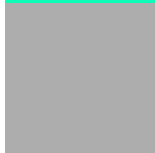
82, 243, 229

Monochromacy



Original Color

13, 252, 184



Achromatopsia

173, 173, 173



Achromatomaly

115, 202, 177

CSS Examples

Text

The CSS property to change the color of the text to RGB 13, 252, 184 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(13, 252, 184)` looks like.

```
.text, #text, p{  
    color:rgb(13, 252, 184)  
}
```

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(13, 252, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 252, 184) }
```

Border

The CSS property to change the border of an element to RGB 13, 252, 184 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(13, 252, 184) }
```

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

```
.border{ border-color:rgb(13, 252, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 252, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 252, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 252, 184);  
box-shadow:4px 4px 4px 4px rgb(13, 252,  
184) }
```

Background

The CSS property to change the background color of an element to RGB 13, 252, 184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 252, 184) }
```

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

```
.background{ background-color: rgb(13, 252,  
184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor