

Converting Colors

RGB(44, 211, 199)

Have a look what the booklet for
RGB(44, 211, 199) contains.

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Color

RGB(44, 211, 199)

Conversions

Conversions Part 1

Format	Color
Hex	2CD3C7
RGB	44, 211, 199
RGB Percent	17%, 83%, 78%
CMY	0.8275, 0.1725, 0.2196
CMYK	0.79, 0.00, 0.06, 0.17
HSL	176°, 65%, 50%
HSV	176°, 79%, 83%
XYZ	34.6418, 51.2475, 62.0988
YIQ	159.6990, -95.6800, -39.1360

Conversions

Conversions Part 2

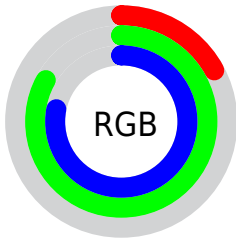
Format	Color
R_{YB}	44, 131, 211
Decimal	2937799
CIE _{Lab}	76.83, -42.97, -5.81
CIE _{LCh}	77, 43.359, 187.699
Yxy	51.2475, 0.2341, 0.3463
Android (android.graphics.Color)	4281127879 (0xFF2CD3C7)
YUV	159.6990, 19.3754, -101.4680
Hunter-Lab	71.5874, -38.9002, -1.3202

Details

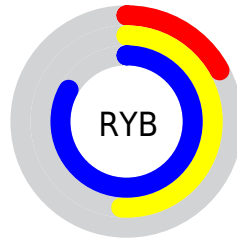
The RGB color **44, 211, 199** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **211, 44, 56**, and the grayscale version is **160, 160, 160**.

A 20% lighter version of the original color is **120, 255, 255**, and **0, 156, 145** is the 20% darker color. If you saturate the color by 10%, you get **23, 211, 197**, and if you desaturate by 10%, it is **65, 211, 201**.

Distribution



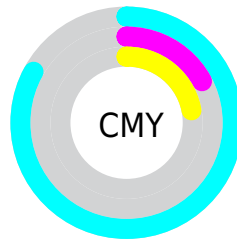
- Red (17%)
- Green (83%)
- Blue (78%)



- Red (17%)
- Yellow (51%)
- Blue (83%)



- Cyan (79%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)




















- Cyan (83%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 44, 211, 199 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 44, 211, 199 by changing the saturation by 10% instead.

 44, 211, 199	 44, 211, 199
 255, 255, 255	 0, 183, 172
 120, 255, 255	 0, 156, 145
 152, 255, 255	 0, 129, 120
 183, 255, 255	 0, 103, 95
 214, 255, 255	 0, 78, 71
 245, 255, 255	 0, 54, 49
	 0, 32, 28
	 0, 0, 1
	 0, 0, 0

■ 44, 211, 199

■ 44, 211, 199

■ 23, 211, 197

■ 65, 211, 201

■ 2, 211, 196

■ 86, 211, 202

■ 0, 211, 196

■ 107, 211, 204

■ 128, 211, 205

■ 150, 211, 207

■ 171, 211, 208

■ 192, 211, 210

■ 213, 211, 211

■ 234, 211, 213

Harmonies

Analogous

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



112, 209, 158



44, 211, 199



0, 209, 237

Triad

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



44, 211, 199



208, 175, 253



241, 177, 116

Complementary

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



44, 211, 199



211, 44, 56

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, 164, 143



44, 211, 199



248, 162, 221

Square

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



44, 211, 199



147, 190, 255



255, 158, 181



206, 191, 109

Rectangle

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



44, 211, 199



34, 205, 255



255, 158, 181



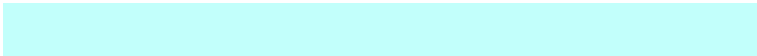
250, 172, 123

Sweetspot

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



44, 211, 199



194, 255, 251



58, 211, 44



91, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



44, 211, 199



13, 255, 238



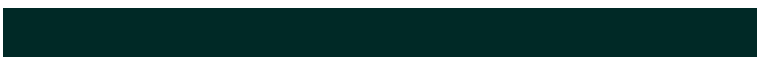
44, 141, 211



94, 105, 104



0, 168, 156



0, 41, 38

Inverse Universe

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



211, 44, 56



255, 13, 30



211, 114, 44



105, 94, 95



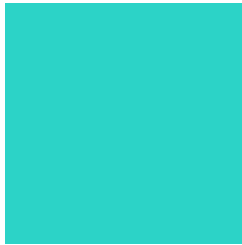
168, 0, 12



41, 0, 3

Previews

White Background



This preview shows how the RGB color 44, 211, 199 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 44, 211, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

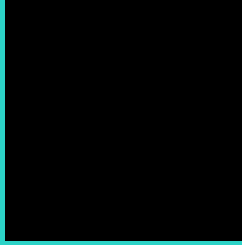
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

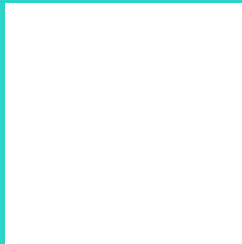
Any Text WCAG AAA ✓ Pass

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

RGB 44, 211, 199 Background



This preview shows how black text looks on a background with the RGB color 44, 211, 199.

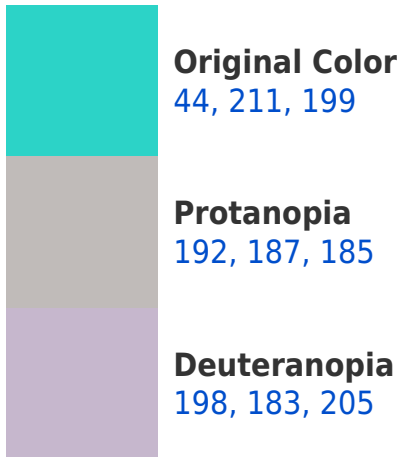


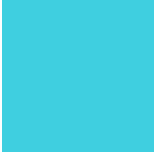
This preview shows how white text looks on a background with the RGB color 44, 211, 199.

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
63, 207, 224

Trichromacy



Original Color

44, 211, 199



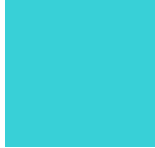
Protanomaly

138, 196, 190



Deuteranomaly

142, 193, 203



Tritanomaly

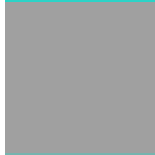
56, 208, 215

Monochromacy



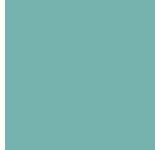
Original Color

44, 211, 199



Achromatopsia

160, 160, 160



Achromatomaly

118, 179, 174

CSS Examples

Text

The CSS property to change the color of the text to RGB 44, 211, 199 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(44, 211, 199)` looks like.

```
.text, #text, p{  
    color:rgb(44, 211, 199)  
}
```

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(44, 211, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 211, 199) }
```

Border

The CSS property to change the border of an element to RGB 44, 211, 199 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(44, 211, 199) }
```

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

```
.border{ border-color:rgb(44, 211, 199) }
```

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

Here you see how a box with a 4 pixel rgb(44, 211, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 211, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 211, 199);  
box-shadow:4px 4px 4px 4px rgb(44, 211,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 44, 211, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 211, 199) }
```

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

```
.background{ background-color: rgb(44, 211,  
199) }
```

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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