

Converting Colors

RGB(84, 214, 191)

Have a look what the booklet for
RGB(84, 214, 191) contains.

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Color

RGB(84, 214, 191)

Conversions

Conversions Part 1

Format	Color
Hex	54D6BF
RGB	84, 214, 191
RGB Percent	33%, 84%, 75%
CMY	0.6706, 0.1608, 0.2510
CMYK	0.61, 0.00, 0.11, 0.16
HSL	169°, 61%, 58%
HSV	169°, 61%, 84%
XYZ	37.1067, 53.7395, 57.7073
YIQ	172.5080, -70.0970, -34.7130

Conversions

Conversions Part 2

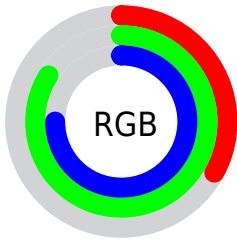
Format	Color
RYB	84, 155, 214
Decimal	5559999
CIELab	78.31, -41.07, 0.75
CIELCh	78, 41.081, 178.954
Yxy	53.7395, 0.2498, 0.3618
Android (android.graphics.Color)	4283750079 (0xFF54D6BF)
YUV	172.5080, 9.1166, -77.6215
Hunter-Lab	73.3073, -37.9345, 4.6422

Details

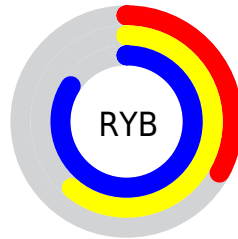
The RGB color **84, 214, 191** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **214, 84, 107**, and the grayscale version is **172, 172, 172**.

A 20% lighter version of the original color is **146, 255, 247**, and **0, 159, 138** is the 20% darker color. If you saturate the color by 10%, you get **63, 214, 187**, and if you desaturate by 10%, it is **105, 214, 195**.

Distribution



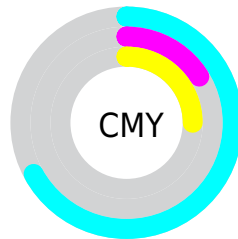
- Red (33%)
- Green (84%)
- Blue (75%)



- Red (33%)
- Yellow (61%)
- Blue (84%)



- Cyan (61%)
- Magenta (0%)
- Yellow (11%)
- Black (16%)




















- Cyan (67%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RGB color 84, 214, 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 84, 214, 191 by changing the saturation by 10% instead.

 84, 214, 191	 84, 214, 191
 255, 255, 255	 48, 186, 164
 146, 255, 247	 0, 159, 138
 175, 255, 255	 0, 132, 112
 205, 255, 255	 0, 106, 88
 236, 255, 255	 0, 81, 65
	 0, 57, 43
	 0, 36, 22
	 0, 0, 0
 84, 214, 191	 84, 214, 191

■ 63, 214, 187

■ 105, 214, 195

■ 41, 214, 183

■ 127, 214, 199

■ 20, 214, 180

■ 148, 214, 202

■ 0, 214, 176

■ 170, 214, 206

■ 191, 214, 210

■ 212, 214, 214

■ 234, 214, 218

■ 255, 214, 221

■ 255, 214, 225

Harmonies

Analogous

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



135, 210, 153



84, 214, 191



33, 213, 229

Triad

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



84, 214, 191



196, 184, 255



251, 178, 129

Complementary

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



84, 214, 191



214, 84, 107

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, 159



84, 214, 191



241, 171, 234

Square

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



84, 214, 191



136, 198, 255



255, 164, 197



220, 191, 117

Rectangle

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



84, 214, 191



47, 210, 250



255, 164, 197



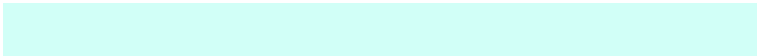
255, 174, 138

Sweetspot

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



84, 214, 191



209, 255, 247



108, 214, 84



99, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



84, 214, 191



69, 255, 222



84, 173, 214



96, 107, 105



0, 171, 141



0, 43, 36

Inverse Universe

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



214, 84, 107



255, 69, 102



214, 125, 84



107, 96, 98



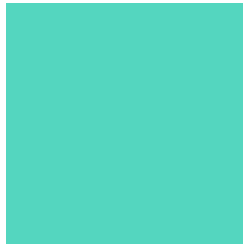
171, 0, 30



43, 0, 8

Previews

White Background



This preview shows how the RGB color 84, 214, 191 looks on a white background.

Color Contrast Check

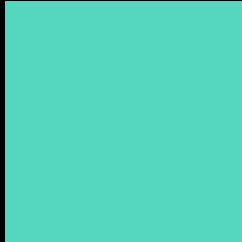
Large Text (above 18pt) WCAG AA × Fail

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 84, 214, 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

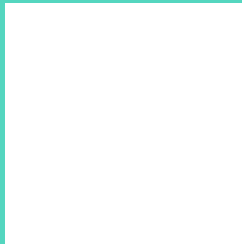
Any Text WCAG AAA ✓ Pass

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

RGB 84, 214, 191 Background



This preview shows how black text looks on a background with the RGB color 84, 214, 191.

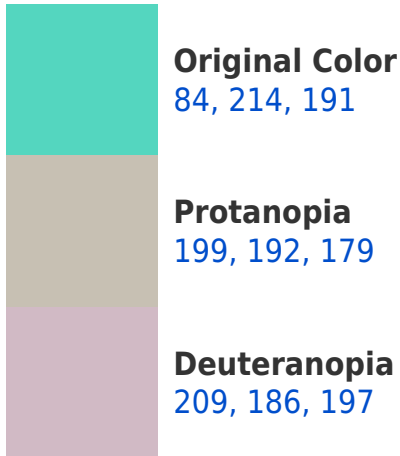


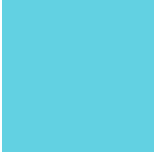
This preview shows how white text looks on a background with the RGB color 84, 214, 191.

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
98, 209, 226

Trichromacy



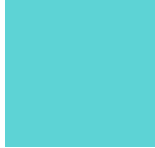
Original Color
84, 214, 191



Protanomaly
157, 200, 183



Deuteranomaly
164, 196, 195

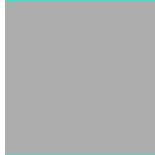


Tritanomaly
93, 211, 213

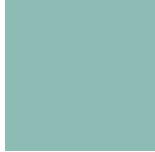
Monochromacy



Original Color
84, 214, 191



Achromatopsia
173, 173, 173



Achromatomaly
141, 188, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 84, 214, 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(84, 214, 191)` looks like.

```
.text, #text, p{  
    color:rgb(84, 214, 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(84, 214, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 214, 191) }
```

Border

The CSS property to change the border of an element to RGB 84, 214, 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(84, 214, 191) }
```

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

```
.border{ border-color:rgb(84, 214, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 214, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 214, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 214, 191);  
box-shadow:4px 4px 4px 4px rgb(84, 214,  
191) }
```

Background

The CSS property to change the background color of an element to RGB 84, 214, 191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 214, 191) }
```

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

```
.background{ background-color: rgb(84, 214,  
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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