

Converting Colors

RGB(81, 200, 179)

Have a look what the booklet for
RGB(81, 200, 179) contains.

RGB(81, 200, 179)	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(81, 200, 179)

Conversions

Conversions Part 1

Format	Color
Hex	51C8B3
RGB	81, 200, 179
RGB Percent	32%, 78%, 70%
CMY	0.6824, 0.2157, 0.2980
CMYK	0.59, 0.00, 0.11, 0.22
HSL	169°, 52%, 55%
HSV	169°, 60%, 78%
XYZ	32.1843, 46.3126, 49.8908
YIQ	162.0250, -64.1830, -31.7590

Conversions

Conversions Part 2

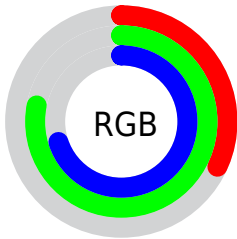
Format	Color
RYB	81, 146, 200
Decimal	5359795
CIELab	73.75, -38.34, 0.55
CIElCh	74, 38.346, 179.178
Yxy	46.3126, 0.2507, 0.3607
Android (android.graphics.Color)	4283549875 (0xFF51C8B3)
YUV	162.0250, 8.3687, -71.0589
Hunter-Lab	68.0533, -34.6757, 4.1711

Details

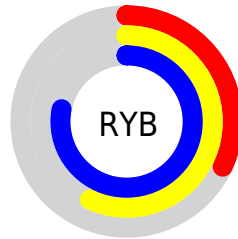
The RGB color **81, 200, 179** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **200, 81, 102**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **141, 255, 235**, and **0, 145, 126** is the 20% darker color. If you saturate the color by 10%, you get **61, 200, 175**, and if you desaturate by 10%, it is **101, 200, 183**.

Distribution



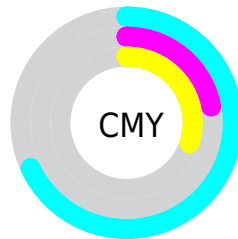
- Red (32%)
- Green (78%)
- Blue (70%)



- Red (32%)
- Yellow (57%)
- Blue (78%)



- Cyan (59%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)



















- Cyan (68%)
- Magenta (22%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RGB color 81, 200, 179 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 81, 200, 179 by changing the saturation by 10% instead.

 81, 200, 179	 81, 200, 179
 255, 255, 255	 47, 172, 152
 141, 255, 235	 0, 145, 126
 170, 255, 255	 0, 119, 101
 200, 255, 255	 0, 94, 78
 230, 255, 255	 0, 69, 55
	 0, 46, 34
	 0, 22, 12
	 0, 0, 0

 81, 200, 179  81, 200, 179

■ 61, 200, 175

■ 101, 200, 183

■ 41, 200, 172

■ 121, 200, 186

■ 21, 200, 168

■ 141, 200, 190

■ 1, 200, 165

■ 161, 200, 193

■ 0, 200, 165

■ 181, 200, 197

■ 201, 200, 200

■ 221, 200, 204

■ 241, 200, 207

■ 255, 200, 211

Harmonies

Analogous

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



127, 197, 144



81, 200, 179



40, 199, 214

Triad

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



81, 200, 179



184, 172, 243



234, 167, 122

Complementary

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



81, 200, 179



200, 81, 102

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.



249, 157, 149



81, 200, 179



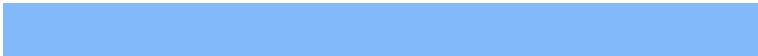
225, 160, 218

Square

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



81, 200, 179



129, 185, 251



247, 154, 184



205, 179, 110

Rectangle

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



81, 200, 179



52, 196, 233



247, 154, 184



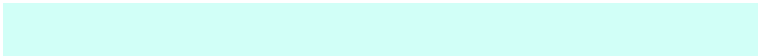
240, 163, 129

Sweetspot

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



81, 200, 179



209, 255, 247



103, 200, 81



99, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



81, 200, 179



74, 255, 223



81, 162, 200



90, 99, 98



0, 163, 134



0, 36, 29

Inverse Universe

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



200, 81, 102



255, 74, 106



200, 119, 81



99, 90, 91



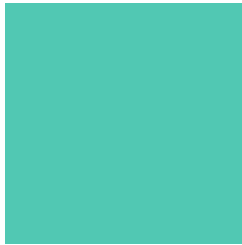
163, 0, 29



36, 0, 6

Previews

White Background



This preview shows how the RGB color 81, 200, 179 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 81, 200, 179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

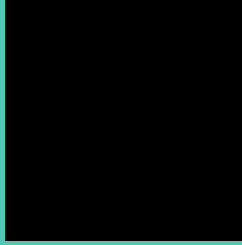
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

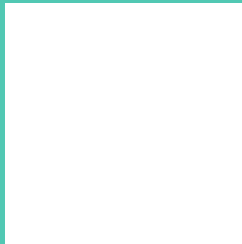
Any Text WCAG AAA ✓ Pass

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

RGB 81, 200, 179 Background



This preview shows how black text looks on a background with the RGB color 81, 200, 179.

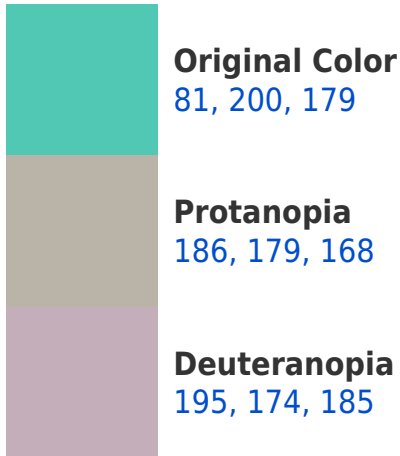


This preview shows how white text looks on a background with the RGB color 81, 200, 179.

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
93, 195, 211

Trichromacy



Original Color

81, 200, 179



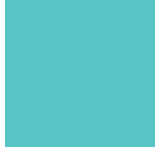
Protanomaly

148, 187, 172



Deuteranomaly

154, 183, 183



Tritanomaly

89, 197, 199

Monochromacy



Original Color

81, 200, 179



Achromatopsia

162, 162, 162



Achromatomaly

133, 176, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 81, 200, 179 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(81, 200, 179)` looks like.

```
.text, #text, p{  
    color:rgb(81, 200, 179)  
}
```

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(81, 200, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 200, 179) }
```

Border

The CSS property to change the border of an element to RGB 81, 200, 179 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(81, 200, 179) }
```

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

```
.border{ border-color:rgb(81, 200, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 200, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 200, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 200, 179);  
box-shadow:4px 4px 4px 4px rgb(81, 200,  
179) }
```

Background

The CSS property to change the background color of an element to RGB 81, 200, 179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 200, 179) }
```

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

```
.background{ background-color: rgb(81, 200,  
179) }
```

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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