

Converting Colors

RGB(86, 207, 171)

Have a look what the booklet for
RGB(86, 207, 171) contains.

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Color

RGB(86, 207, 171)

Conversions

Conversions Part 1

Format	Color
Hex	56CFAB
RGB	86, 207, 171
RGB Percent	34%, 81%, 67%
CMY	0.6627, 0.1882, 0.3294
CMYK	0.58, 0.00, 0.17, 0.19
HSL	162°, 56%, 57%
HSV	162°, 58%, 81%
XYZ	33.5013, 49.5444, 46.3254
YIQ	166.7170, -60.5600, -36.8480

Conversions

Conversions Part 2

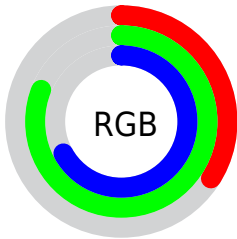
Format	Color
RYB	86, 157, 207
Decimal	5689259
CIELab	75.79, -42.45, 7.83
CIELCh	76, 43.166, 169.545
Yxy	49.5444, 0.2590, 0.3830
Android (android.graphics.Color)	4283879339 (0xFF56CFAB)
YUV	166.7170, 2.1115, -70.7888
Hunter-Lab	70.3878, -38.2210, 10.2500

Details

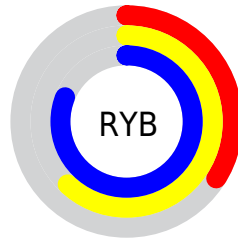
The RGB color **86, 207, 171** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **207, 86, 122**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **146, 255, 226**, and **0, 152, 119** is the 20% darker color. If you saturate the color by 10%, you get **65, 207, 165**, and if you desaturate by 10%, it is **107, 207, 177**.

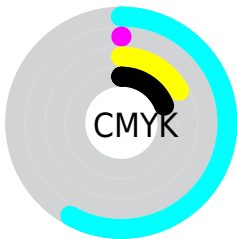
Distribution



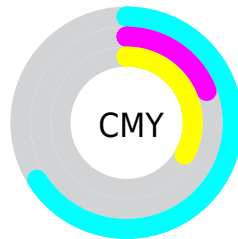
- Red (34%)
- Green (81%)
- Blue (67%)



- Red (34%)
- Yellow (62%)
- Blue (81%)



- Cyan (58%)
- Magenta (0%)
- Yellow (17%)
- Black (19%)


















- Cyan (66%)
- Magenta (19%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 86, 207, 171 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 86, 207, 171 by changing the saturation by 10% instead.

 86, 207, 171	 86, 207, 171
 255, 255, 255	 53, 179, 144
 146, 255, 226	 0, 152, 119
 175, 255, 255	 0, 125, 94
 205, 255, 255	 0, 100, 70
 234, 255, 255	 0, 75, 48
	 0, 51, 27
	 0, 29, 1
	 0, 0, 0

 86, 207, 171  86, 207, 171

■ 65, 207, 165

■ 107, 207, 177

■ 45, 207, 159

■ 127, 207, 183

■ 24, 207, 153

■ 148, 207, 189

■ 3, 207, 146

■ 169, 207, 196

■ 0, 207, 145

■ 190, 207, 202

■ 210, 207, 208

■ 231, 207, 214

■ 252, 207, 220

■ 255, 207, 226

Harmonies

Analogous

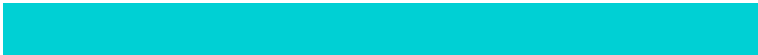
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



141, 202, 134



86, 207, 171



0, 208, 212

Triad

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



86, 207, 171



170, 182, 255



253, 166, 128

Complementary

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



86, 207, 171



207, 86, 122

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, 156, 162



86, 207, 171



223, 167, 239

Square

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



86, 207, 171



100, 195, 255



255, 157, 202



225, 180, 108

Rectangle

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



86, 207, 171



0, 206, 236



255, 157, 202



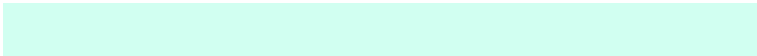
255, 162, 138

Sweetspot

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



86, 207, 171



209, 255, 241



122, 207, 86



99, 128, 119



0, 0, 0



128, 128, 128

Same Dimension

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



86, 207, 171



77, 255, 202



86, 183, 207



94, 105, 101



0, 168, 118



0, 41, 29

Inverse Universe

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



207, 86, 122



255, 77, 130



207, 110, 86



105, 94, 97



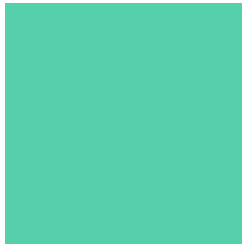
168, 0, 50



41, 0, 12

Previews

White Background



This preview shows how the RGB color 86, 207, 171 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 86, 207, 171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

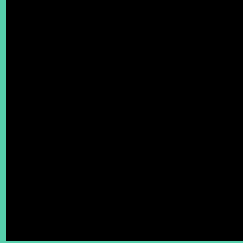
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

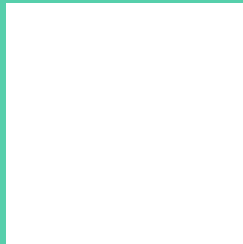
Any Text WCAG AAA ✓ Pass

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

RGB 86, 207, 171 Background



This preview shows how black text looks on a background with the RGB color 86, 207, 171.

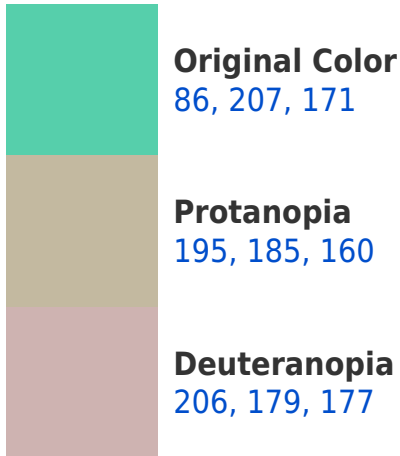


This preview shows how white text looks on a background with the RGB color 86, 207, 171.

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
102, 201, 217

Trichromacy



Original Color

86, 207, 171



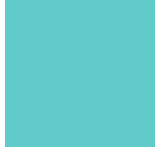
Protanomaly

155, 193, 164



Deuteranomaly

162, 189, 175



Tritanomaly

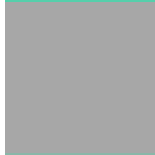
96, 203, 200

Monochromacy



Original Color

86, 207, 171



Achromatopsia

167, 167, 167



Achromatomaly

138, 182, 168

CSS Examples

Text

The CSS property to change the color of the text to RGB 86, 207, 171 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(86, 207, 171)` looks like.

```
.text, #text, p{  
    color:rgb(86, 207, 171)  
}
```

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(86, 207, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 207, 171) }
```

Border

The CSS property to change the border of an element to RGB 86, 207, 171 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(86, 207, 171) }
```

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

```
.border{ border-color:rgb(86, 207, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 207, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 207, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 207, 171);  
box-shadow:4px 4px 4px 4px rgb(86, 207,  
171) }
```

Background

The CSS property to change the background color of an element to RGB 86, 207, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 207, 171) }
```

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

```
.background{ background-color: rgb(86, 207,  
171) }
```

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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