

Converting Colors

RGB(157, 206, 201)

Have a look what the booklet for
RGB(157, 206, 201) contains.

RGB(157, 206, 201)	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(157, 206, 201)

Conversions

Conversions Part 1

Format	Color
Hex	9DCEC9
RGB	157, 206, 201
RGB Percent	62%, 81%, 79%
CMY	0.3843, 0.1922, 0.2118
CMYK	0.24, 0.00, 0.02, 0.19
HSL	174°, 33%, 71%
HSV	174°, 24%, 81%
XYZ	46.5185, 55.5278, 63.5245
YIQ	190.7790, -27.5990, -11.9430

Conversions

Conversions Part 2

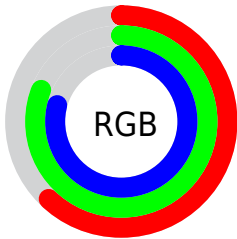
Format	Color
RYB	157, 183, 206
Decimal	10342089
CIELab	79.34, -16.93, -2.73
CIELCh	79, 17.153, 189.163
Yxy	55.5278, 0.2810, 0.3354
Android (android.graphics.Color)	4288532169 (0xFF9DCEC9)
YUV	190.7790, 5.0390, -29.6242
Hunter-Lab	74.5169, -18.9728, 1.6181

Details

The RGB color **157, 206, 201** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **206, 157, 162**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **212, 255, 255**, and **104, 152, 147** is the 20% darker color. If you saturate the color by 10%, you get **136, 206, 199**, and if you desaturate by 10%, it is **178, 206, 203**.

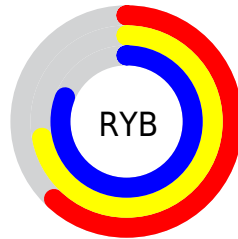
Distribution



Red (62%)

Green (81%)

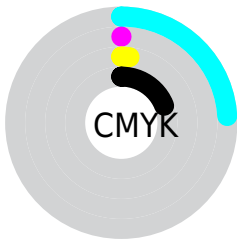
Blue (79%)



Red (62%)

Yellow (72%)

Blue (81%)

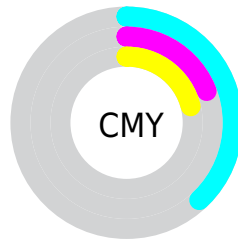


Cyan (24%)

Magenta (0%)

Yellow (2%)

Black (19%)



Cyan (38%)

Magenta (19%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 157, 206, 201 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 157, 206, 201 by changing the saturation by 10% instead.


 157, 206, 201

255, 255, 255


 212, 255, 255


 241, 255, 255

 157, 206, 201

 130, 178, 174

 104, 152, 147

 79, 126, 121

 54, 101, 97

 29, 76, 73

 1, 53, 50

 0, 32, 29

 0, 0, 4

 0, 0, 0

 157, 206, 201

 157, 206, 201

 136, 206, 199

 178, 206, 203

 116, 206, 197

 198, 206, 205

 95, 206, 195

 219, 206, 207

 75, 206, 193

 239, 206, 209

 54, 206, 190

 255, 206, 212

 33, 206, 188

 255, 206, 214

 13, 206, 186

 255, 206, 216

 0, 206, 185

 255, 206, 218

 255, 206, 220

Harmonies

Analogous

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



169, 205, 185



157, 206, 201



156, 205, 216

Triad

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



157, 206, 201



206, 191, 221



220, 192, 167

Complementary

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



157, 206, 201



206, 157, 162

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.



229, 187, 177



157, 206, 201



222, 187, 208

Square

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



157, 206, 201



185, 196, 228



230, 186, 192



204, 197, 165

Rectangle

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



157, 206, 201



162, 203, 223



230, 186, 192



223, 190, 170

Sweetspot

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



157, 206, 201



237, 255, 253



163, 206, 157



117, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



157, 206, 201



181, 255, 247



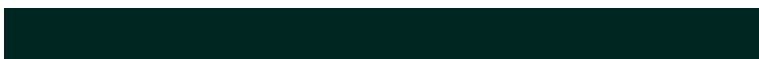
157, 187, 206



92, 102, 101



0, 166, 149



0, 38, 34

Inverse Universe

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



206, 157, 162



255, 181, 189



206, 176, 157



102, 92, 93



166, 0, 17



38, 0, 4

Previews

White Background



This preview shows how the RGB color 157, 206, 201 looks on a white background.

Color Contrast Check

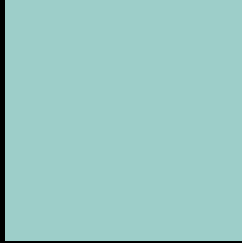
Large Text (above 18pt) WCAG AA × Fail

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 157, 206, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

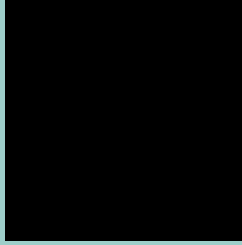
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

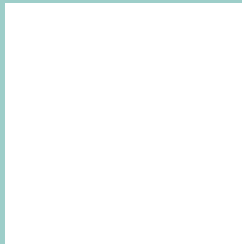
Any Text WCAG AAA ✓ Pass

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

RGB 157, 206, 201 Background



This preview shows how black text looks on a background with the RGB color 157, 206, 201.



This preview shows how white text looks on a background with the RGB color 157, 206, 201.

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](#).

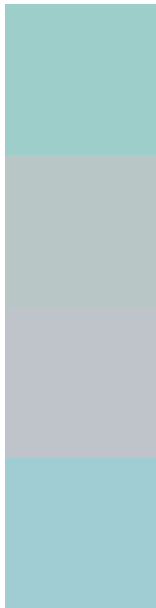
Dichromacy





Tritanopia
161, 203, 219

Trichromacy



Original Color
157, 206, 201

Protanomaly
184, 199, 197

Deuteranomaly
191, 196, 203

Tritanomaly
160, 204, 212

Monochromacy



Original Color
157, 206, 201

Achromatopsia
191, 191, 191

Achromatomaly
179, 196, 195

CSS Examples

Text

The CSS property to change the color of the text to RGB 157, 206, 201 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(157, 206, 201)` looks like.

```
.text, #text, p{  
    color:rgb(157, 206, 201)  
}
```

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(157, 206, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 206, 201) }
```

Border

The CSS property to change the border of an element to RGB 157, 206, 201 is called "border". The border property can be set on classes, ids or directly on the HTML element.

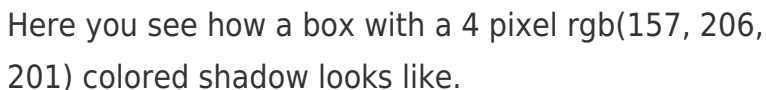
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 206, 201) }
```

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

```
.border{ border-color:rgb(157, 206, 201) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 206, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 206, 201); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 206, 201); box-shadow:4px 4px 4px 4px rgb(157, 206, 201) }
```

Background

The CSS property to change the background color of an element to RGB 157, 206, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 206, 201) }
```

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

```
.background{ background-color: rgb(157,  
206, 201) }
```

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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