

Converting Colors

RGB(151, 205, 186)

Have a look what the booklet for
RGB(151, 205, 186) contains.

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Color

RGB(151, 205, 186)

Conversions

Conversions Part 1

Format	Color
Hex	97CDBA
RGB	151, 205, 186
RGB Percent	59%, 80%, 73%
CMY	0.4078, 0.1961, 0.2706
CMYK	0.26, 0.00, 0.09, 0.20
HSL	159°, 35%, 70%
HSV	159°, 26%, 80%
XYZ	43.4567, 53.7871, 54.5459
YIQ	186.6880, -26.0850, -17.3570

Conversions

Conversions Part 2

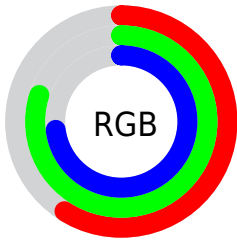
Format	Color
RYB	151, 184, 205
Decimal	9948602
CIELab	78.34, -21.44, 3.81
CIElCh	78, 21.772, 169.923
Yxy	53.7871, 0.2863, 0.3544
Android (android.graphics.Color)	4288138682 (0xFF97CDBA)
YUV	186.6880, -0.3392, -31.2984
Hunter-Lab	73.3397, -22.5760, 7.2413

Details

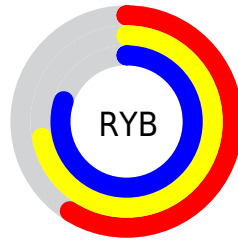
The RGB color **151, 205, 186** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **205, 151, 170**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **206, 255, 242**, and **99, 151, 133** is the 20% darker color. If you saturate the color by 10%, you get **131, 205, 179**, and if you desaturate by 10%, it is **172, 205, 193**.

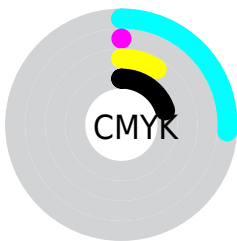
Distribution



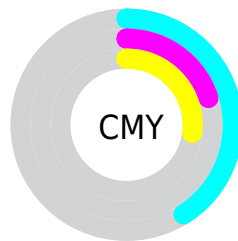
- Red (59%)
- Green (80%)
- Blue (73%)



- Red (59%)
- Yellow (72%)
- Blue (80%)



- Cyan (26%)
- Magenta (0%)
- Yellow (9%)
- Black (20%)



- Cyan (41%)
- Magenta (20%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 151, 205, 186 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 151, 205, 186 by changing the saturation by 10% instead.


 151, 205, 186


255, 255, 255


 206, 255, 242

 235, 255, 255

 151, 205, 186

 124, 177, 159

 99, 151, 133

 73, 125, 108

 48, 99, 83

 23, 75, 60

 0, 52, 39

 0, 32, 18

 0, 0, 0

 151, 205, 186

 151, 205, 186

■ 131, 205, 179

■ 172, 205, 193

■ 110, 205, 172

■ 192, 205, 200

■ 90, 205, 164

■ 213, 205, 208

■ 69, 205, 157

■ 233, 205, 215

■ 49, 205, 150

■ 254, 205, 222

■ 28, 205, 143

■ 255, 205, 229

■ 8, 205, 136

■ 255, 205, 236

■ 0, 205, 133

■ 255, 205, 244

■ 255, 205, 251

Harmonies

Analogous

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



172, 202, 167



151, 205, 186



139, 205, 207

Triad

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



151, 205, 186



188, 191, 232



231, 184, 164

Complementary

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



151, 205, 186



205, 151, 170

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.



236, 180, 181



151, 205, 186



213, 184, 220

Square

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



151, 205, 186



162, 198, 233



230, 180, 201



216, 190, 154

Rectangle

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



151, 205, 186



139, 204, 219



230, 180, 201



234, 182, 169

Sweetspot

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



151, 205, 186



235, 255, 248



171, 205, 151



115, 128, 123



0, 0, 0



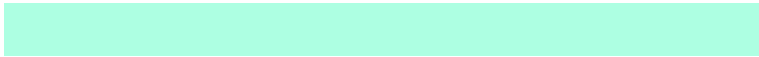
128, 128, 128

Same Dimension

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



151, 205, 186



173, 255, 226



151, 198, 205



92, 102, 98



0, 166, 107



0, 38, 25

Inverse Universe

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



205, 151, 170



255, 173, 202



205, 158, 151



102, 92, 95



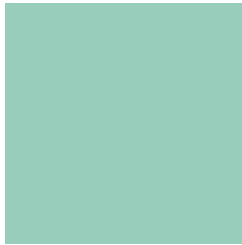
166, 0, 58



38, 0, 13

Previews

White Background



This preview shows how the RGB color 151, 205, 186 looks on a white background.

Color Contrast Check

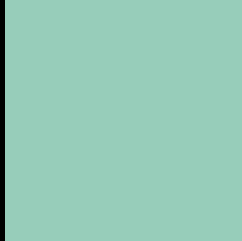
Large Text (above 18pt) WCAG AA × Fail

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 151, 205, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

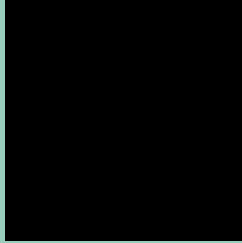
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

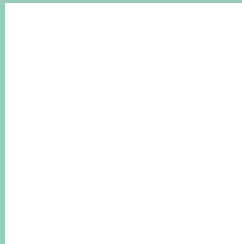
Any Text WCAG AAA ✓ Pass

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

RGB 151, 205, 186 Background



This preview shows how black text looks on a background with the RGB color 151, 205, 186.

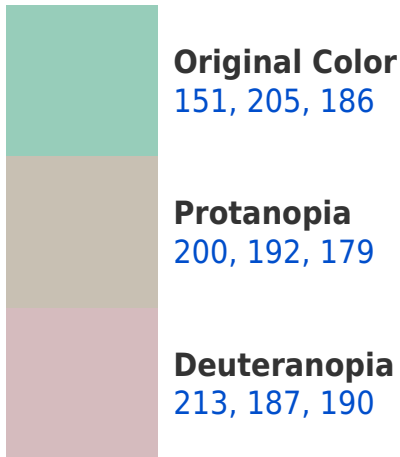


This preview shows how white text looks on a background with the RGB color 151, 205, 186.

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](#).

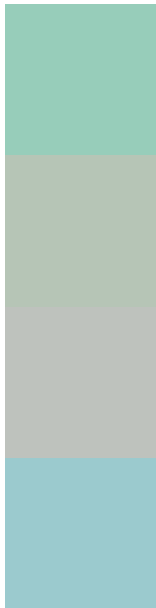
Dichromacy





Tritanopia
157, 201, 217

Trichromacy



Original Color
151, 205, 186

Protanomaly
182, 197, 182

Deuteranomaly
190, 194, 189

Tritanomaly
155, 202, 206

Monochromacy



Original Color
151, 205, 186

Achromatopsia
187, 187, 187

Achromatomaly
174, 194, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 151, 205, 186 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(151, 205, 186)` looks like.

```
.text, #text, p{  
    color:rgb(151, 205, 186)  
}
```

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(151, 205, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 205, 186) }
```

Border

The CSS property to change the border of an element to RGB 151, 205, 186 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(151, 205, 186) }
```

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

```
.border{ border-color:rgb(151, 205, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 205, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 205, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 205, 186);  
box-shadow:4px 4px 4px 4px rgb(151, 205,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 151, 205, 186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 205, 186) }
```

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

```
.background{ background-color: rgb(151,  
205, 186) }
```

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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