

Converting Colors

RGB(151, 223, 204)

Have a look what the booklet for
RGB(151, 223, 204) contains.

RGB(151, 223, 204)	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(151, 223, 204)

Conversions

Conversions Part 1

Format	Color
Hex	97DFCC
RGB	151, 223, 204
RGB Percent	59%, 87%, 80%
CMY	0.4078, 0.1255, 0.2000
CMYK	0.32, 0.00, 0.09, 0.13
HSL	164°, 53%, 73%
HSV	164°, 32%, 87%
XYZ	50.0493, 63.7143, 66.7870
YIQ	199.3060, -36.8130, -21.1730

Conversions

Conversions Part 2

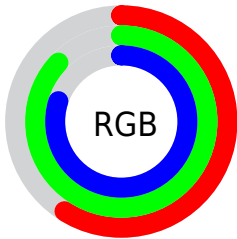
Format	Color
RYB	151, 192, 223
Decimal	9953228
CIELab	83.82, -26.48, 2.17
CIELCh	84, 26.573, 175.324
Yxy	63.7143, 0.2772, 0.3529
Android (android.graphics.Color)	4288143308 (0xFF97DFCC)
YUV	199.3060, 2.3141, -42.3644
Hunter-Lab	79.8212, -27.7647, 6.2665

Details

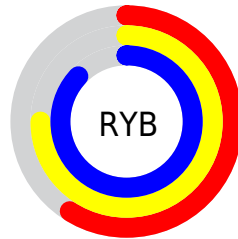
The RGB color **151, 223, 204** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **223, 151, 170**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **207, 255, 255**, and **97, 168, 150** is the 20% darker color. If you saturate the color by 10%, you get **129, 223, 198**, and if you desaturate by 10%, it is **173, 223, 210**.

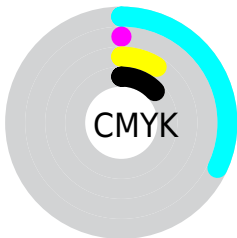
Distribution



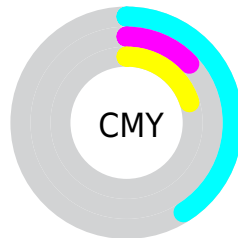
- Red (59%)
- Green (87%)
- Blue (80%)



- Red (59%)
- Yellow (75%)
- Blue (87%)



- Cyan (32%)
- Magenta (0%)
- Yellow (9%)
- Black (13%)




- Cyan (41%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 151, 223, 204 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, 223, 204 by changing the saturation by 10% instead.


 151, 223, 204

255, 255, 255


 207, 255, 255


 236, 255, 255

 151, 223, 204

 124, 195, 177

 97, 168, 150

 71, 141, 124

 43, 115, 99

 9, 90, 75

 0, 66, 53

 0, 44, 32

 0, 22, 8

 0, 0, 0

 151, 223, 204

 151, 223, 204

 129, 223, 198

 173, 223, 210

 106, 223, 192

 196, 223, 216

 84, 223, 186

 218, 223, 222

 62, 223, 180

 240, 223, 228

 39, 223, 175

 255, 223, 233

 17, 223, 169

 255, 223, 239

 0, 223, 164

 255, 223, 245

 255, 223, 251

 255, 223, 255

Harmonies

Analogous

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



176, 220, 180



151, 223, 204



138, 223, 229

Triad

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



151, 223, 204



208, 204, 254



251, 198, 169

Complementary

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



151, 223, 204



223, 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.



255, 192, 189



151, 223, 204



238, 196, 238

Square

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



151, 223, 204



174, 212, 255



255, 191, 214



232, 206, 159

Rectangle

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



151, 223, 204



141, 221, 244



255, 191, 214



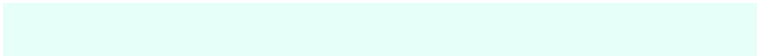
255, 196, 174

Sweetspot

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



151, 223, 204



230, 255, 248



170, 223, 151



112, 128, 123



0, 0, 0



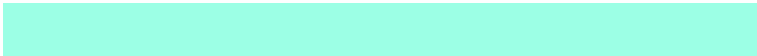
128, 128, 128

Same Dimension

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



151, 223, 204



156, 255, 229



151, 206, 223



101, 112, 109



0, 176, 130



0, 48, 36

Inverse Universe

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



223, 151, 170



255, 156, 182



223, 168, 151



112, 101, 104



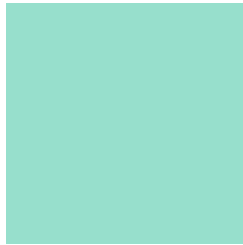
176, 0, 46



48, 0, 13

Previews

White Background



This preview shows how the RGB color 151, 223, 204 looks on a white background.

Color Contrast Check

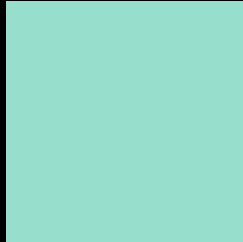
Large Text (above 18pt) WCAG AA × Fail

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, 223, 204 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

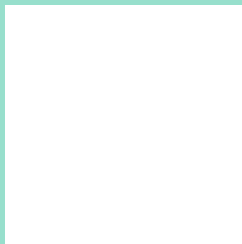
Any Text WCAG AAA ✓ Pass

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

RGB 151, 223, 204 Background



This preview shows how black text looks on a background with the RGB color 151, 223, 204.

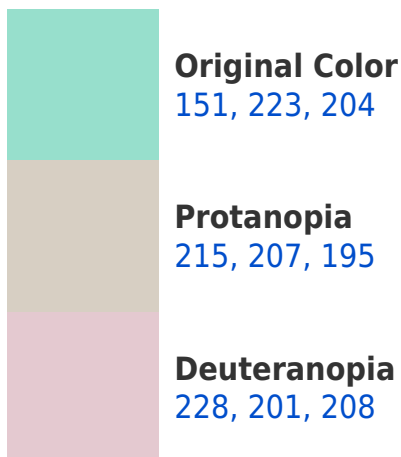


This preview shows how white text looks on a background with the RGB color 151, 223, 204.

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
158, 218, 236

Trichromacy



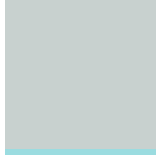
Original Color

151, 223, 204



Protanomaly

192, 213, 198



Deuteranomaly

200, 209, 207



Tritanomaly

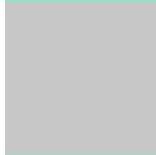
155, 220, 224

Monochromacy



Original Color

151, 223, 204



Achromatopsia

199, 199, 199



Achromatomaly

182, 208, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 151, 223, 204 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, 223, 204)` looks like.

```
.text, #text, p{  
    color:rgb(151, 223, 204)  
}
```

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, 223, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 223, 204) }
```

Border

The CSS property to change the border of an element to RGB 151, 223, 204 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, 223, 204) }
```

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

```
.border{ border-color:rgb(151, 223, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 223, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 223, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 223, 204); box-shadow:4px 4px 4px 4px rgb(151, 223, 204) }
```

Background

The CSS property to change the background color of an element to RGB 151, 223, 204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 223, 204) }
```

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

```
.background{ background-color: rgb(151,  
223, 204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor