

Converting Colors

RGB(151, 235, 193)

Have a look what the booklet for
RGB(151, 235, 193) contains.

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Color

RGB(151, 235, 193)

Conversions

Conversions Part 1

Format	Color
Hex	97EBC1
RGB	151, 235, 193
RGB Percent	59%, 92%, 76%
CMY	0.4078, 0.0784, 0.2431
CMYK	0.36, 0.00, 0.18, 0.08
HSL	150°, 68%, 76%
HSV	150°, 36%, 92%
XYZ	52.0965, 69.8462, 61.1880
YIQ	205.0960, -36.5820, -30.8700

Conversions

Conversions Part 2

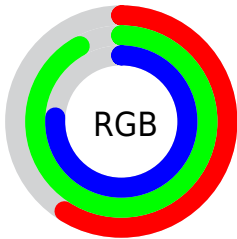
Format	Color
RYB	151, 207, 235
Decimal	9956289
CIELab	86.92, -34.44, 12.41
CIELCh	87, 36.602, 160.186
Yxy	69.8462, 0.2845, 0.3814
Android (android.graphics.Color)	4288146369 (0xFF97EBC1)
YUV	205.0960, -5.9633, -47.4422
Hunter-Lab	83.5741, -34.9854, 15.0932

Details

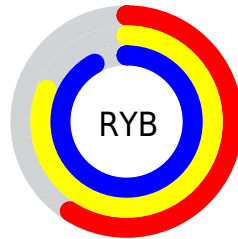
The RGB color **151, 235, 193** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **235, 151, 193**, and the grayscale version is **205, 205, 205**.

A 20% lighter version of the original color is **208, 255, 249**, and **96, 179, 139** is the 20% darker color. If you saturate the color by 10%, you get **128, 235, 181**, and if you desaturate by 10%, it is **175, 235, 205**.

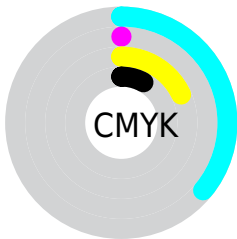
Distribution



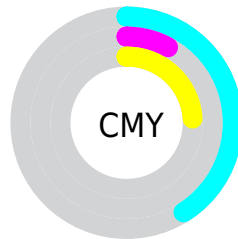
- Red (59%)
- Green (92%)
- Blue (76%)



- Red (59%)
- Yellow (81%)
- Blue (92%)



- Cyan (36%)
- Magenta (0%)
- Yellow (18%)
- Black (8%)



- Cyan (41%)
- Magenta (8%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 151, 235, 193 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, 235, 193 by changing the saturation by 10% instead.

 151, 235, 193


255, 255, 255


 208, 255, 249


 237, 255, 255


 151, 235, 193

 123, 207, 166

 96, 179, 139

 69, 152, 114

 40, 125, 89

 0, 100, 66

 0, 75, 44

 0, 52, 23

 0, 32, 0

 0, 0, 0

 151, 235, 193

 151, 235, 193

 128, 235, 181

 175, 235, 205

 104, 235, 170

 198, 235, 217

 81, 235, 158

 222, 235, 228

 57, 235, 146

 245, 235, 240

 33, 235, 134

 255, 235, 252

 10, 235, 122

 255, 235, 255

 0, 235, 118

Harmonies

Analogous

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



192, 229, 164



151, 235, 193



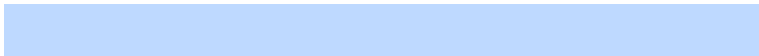
115, 237, 229

Triad

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



151, 235, 193



190, 217, 255



255, 197, 174

Complementary

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



151, 235, 193



235, 151, 193

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, 207



151, 235, 193



238, 205, 255

Square

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



151, 235, 193



139, 228, 255



255, 195, 242



255, 208, 153

Rectangle

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



151, 235, 193



104, 236, 251



255, 195, 242



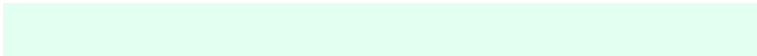
255, 194, 184

Sweetspot

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



151, 235, 193



227, 255, 241



193, 235, 151



111, 128, 119



0, 0, 0



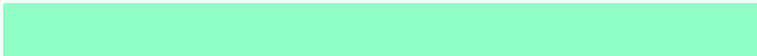
128, 128, 128

Same Dimension

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



151, 235, 193



145, 255, 200



151, 235, 235



106, 117, 111



0, 181, 91



0, 54, 27

Inverse Universe

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



235, 151, 193



255, 145, 200



235, 151, 151



117, 106, 111



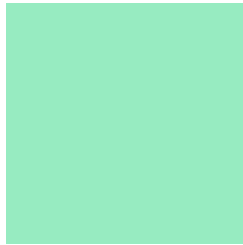
181, 0, 91



54, 0, 27

Previews

White Background



This preview shows how the RGB color 151, 235, 193 looks on a white background.

Color Contrast Check

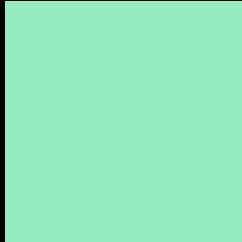
Large Text (above 18pt) WCAG AA × Fail

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, 235, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

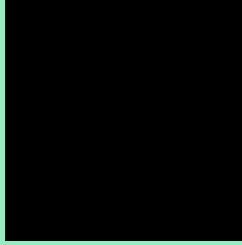
Any Text WCAG AA ✓ Pass

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, 235, 193 Background



This preview shows how black text looks on a background with the RGB color 151, 235, 193.

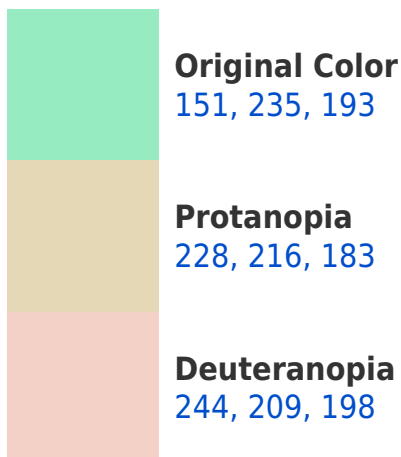


This preview shows how white text looks on a background with the RGB color 151, 235, 193.

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





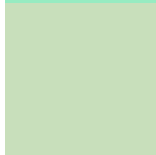
Tritanopia
163, 228, 246

Trichromacy



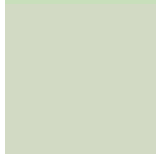
Original Color

151, 235, 193



Protanomaly

200, 223, 187



Deuteranomaly

210, 218, 196



Tritanomaly

159, 231, 227

Monochromacy



Original Color

151, 235, 193



Achromatopsia

205, 205, 205



Achromatomaly

185, 216, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 151, 235, 193 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, 235, 193)` looks like.

```
.text, #text, p{  
    color:rgb(151, 235, 193)  
}
```

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, 235, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 235, 193) }
```

Border

The CSS property to change the border of an element to RGB 151, 235, 193 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, 235, 193) }
```

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

```
.border{ border-color:rgb(151, 235, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 235, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 235, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 235, 193);  
box-shadow:4px 4px 4px 4px rgb(151, 235,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 151, 235, 193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 235, 193) }
```

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

```
.background{ background-color: rgb(151,  
235, 193) }
```

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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