

Converting Colors

RGB(151, 236, 181)

Have a look what the booklet for
RGB(151, 236, 181) contains.

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Color

RGB(151, 236, 181)

Conversions

Conversions Part 1

Format	Color
Hex	97ECB5
RGB	151, 236, 181
RGB Percent	59%, 93%, 71%
CMY	0.4078, 0.0745, 0.2902
CMYK	0.36, 0.00, 0.23, 0.07
HSL	141°, 69%, 76%
HSV	141°, 36%, 93%
XYZ	51.0984, 69.9064, 54.5162
YIQ	204.3150, -33.0050, -35.1250

Conversions

Conversions Part 2

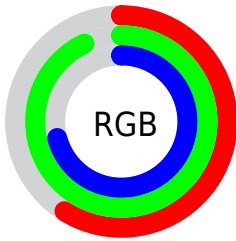
Format	Color
RYB	151, 214, 236
Decimal	9956533
CIELab	86.95, -37.19, 18.69
CIElCh	87, 41.624, 153.321
Yxy	69.9064, 0.2911, 0.3983
Android (android.graphics.Color)	4288146613 (0xFF97ECB5)
YUV	204.3150, -11.4943, -46.7573
Hunter-Lab	83.6101, -37.2270, 19.8682

Details

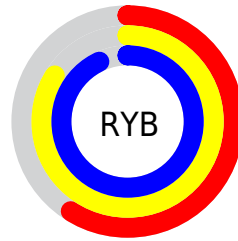
The RGB color **151, 236, 181** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **236, 151, 206**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **208, 255, 237**, and **96, 180, 128** is the 20% darker color. If you saturate the color by 10%, you get **127, 236, 166**, and if you desaturate by 10%, it is **175, 236, 196**.

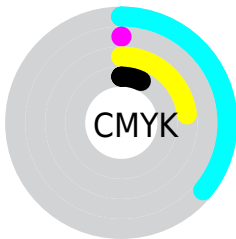
Distribution



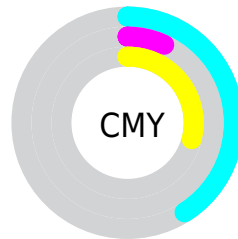
- Red (59%)
- Green (93%)
- Blue (71%)



- Red (59%)
- Yellow (84%)
- Blue (93%)



- Cyan (36%)
- Magenta (0%)
- Yellow (23%)
- Black (7%)




- Cyan (41%)
- Magenta (7%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 151, 236, 181 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, 236, 181 by changing the saturation by 10% instead.

 151, 236, 181


255, 255, 255


 208, 255, 237


 237, 255, 255


 151, 236, 181

 123, 208, 154

 96, 180, 128

 69, 153, 103

 40, 126, 78

 0, 101, 55

 0, 76, 33

 0, 52, 12

 0, 32, 0

 0, 0, 0

 151, 236, 181

 151, 236, 181

 127, 236, 166

 175, 236, 196

 104, 236, 150

 198, 236, 212

 80, 236, 135

 222, 236, 227

 57, 236, 120

 245, 236, 242

 33, 236, 105

 255, 236, 255

 9, 236, 89

 0, 236, 83

Harmonies

Analogous

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



198, 228, 150



151, 236, 181



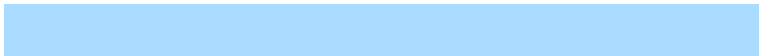
102, 239, 221

Triad

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



151, 236, 181



170, 220, 255



255, 192, 176

Complementary

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



151, 236, 181



236, 151, 206

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, 187, 215



151, 236, 181



229, 206, 255

Square

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



151, 236, 181



107, 231, 255



255, 193, 254



255, 203, 148

Rectangle

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



151, 236, 181



77, 239, 248



255, 193, 254



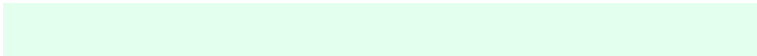
255, 189, 188

Sweetspot

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



151, 236, 181



227, 255, 237



206, 236, 151



111, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



151, 236, 181



145, 255, 184



151, 236, 223



106, 117, 110



0, 181, 64



0, 54, 19

Inverse Universe

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



236, 151, 206



255, 145, 216



236, 151, 164



117, 106, 113



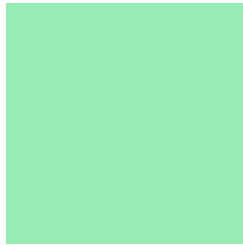
181, 0, 117



54, 0, 35

Previews

White Background



This preview shows how the RGB color 151, 236, 181 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, 236, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

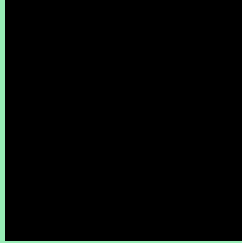
Any Text WCAG AA ✓ Pass

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, 236, 181 Background



This preview shows how black text looks on a background with the RGB color 151, 236, 181.

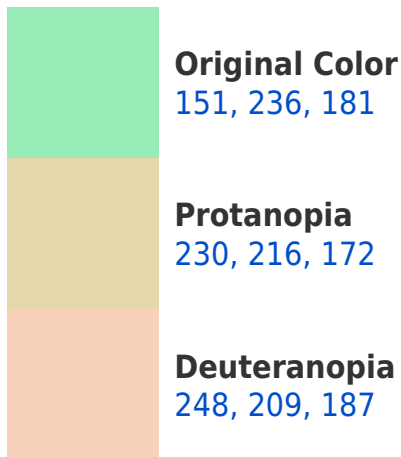


This preview shows how white text looks on a background with the RGB color 151, 236, 181.

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





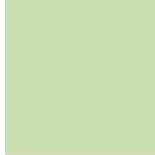
Tritanopia
165, 227, 246

Trichromacy



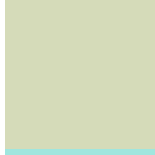
Original Color

151, 236, 181



Protanomaly

201, 223, 175



Deuteranomaly

213, 219, 185



Tritanomaly

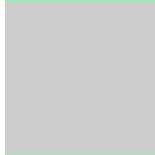
160, 230, 222

Monochromacy



Original Color

151, 236, 181



Achromatopsia

204, 204, 204



Achromatomaly

185, 216, 196

CSS Examples

Text

The CSS property to change the color of the text to RGB 151, 236, 181 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, 236, 181)` looks like.

```
.text, #text, p{  
    color:rgb(151, 236, 181)  
}
```

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, 236, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 236, 181) }
```

Border

The CSS property to change the border of an element to RGB 151, 236, 181 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, 236, 181) }
```

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

```
.border{ border-color:rgb(151, 236, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 236, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 236, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 236, 181);  
box-shadow:4px 4px 4px 4px rgb(151, 236,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 151, 236, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 236, 181) }
```

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

```
.background{ background-color: rgb(151,  
236, 181) }
```

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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