

Converting Colors

RGB(169, 235, 201)

Have a look what the booklet for
RGB(169, 235, 201) contains.

RGB(169, 235, 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(169, 235, 201)

Conversions

Conversions Part 1

Format	Color
Hex	A9EBC9
RGB	169, 235, 201
RGB Percent	66%, 92%, 79%
CMY	0.3373, 0.0784, 0.2118
CMYK	0.28, 0.00, 0.14, 0.08
HSL	149°, 62%, 79%
HSV	149°, 28%, 92%
XYZ	56.6131, 72.0687, 66.1852
YIQ	211.3900, -28.4220, -24.5660

Conversions

Conversions Part 2

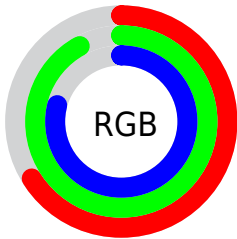
Format	Color
RYB	169, 213, 235
Decimal	11135945
CIELab	88.00, -27.59, 9.89
CIElCh	88, 29.312, 160.274
Yxy	72.0687, 0.2905, 0.3698
Android (android.graphics.Color)	4289326025 (0xFFA9EBC9)
YUV	211.3900, -5.1223, -37.1760
Hunter-Lab	84.8933, -29.5263, 13.2012

Details

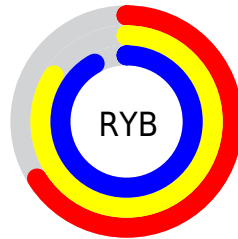
The RGB color **169, 235, 201** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **235, 169, 203**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **225, 255, 255**, and **115, 179, 147** is the 20% darker color. If you saturate the color by 10%, you get **146, 235, 189**, and if you desaturate by 10%, it is **193, 235, 213**.

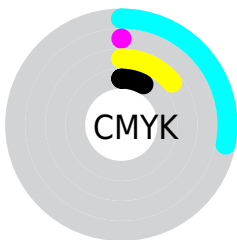
Distribution



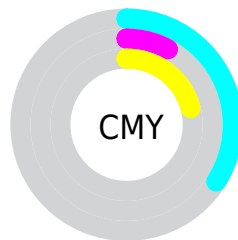
- Red (66%)
- Green (92%)
- Blue (79%)



- Red (66%)
- Yellow (84%)
- Blue (92%)



- Cyan (28%)
- Magenta (0%)
- Yellow (14%)
- Black (8%)



- Cyan (34%)
- Magenta (8%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 169, 235, 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 169, 235, 201 by changing the saturation by 10% instead.

 169, 235, 201

255, 255, 255


 225, 255, 255

255, 255, 255

 169, 235, 201

 142, 207, 174

 115, 179, 147

 89, 152, 121

 63, 126, 96

 37, 101, 73

 5, 76, 50

 0, 53, 29

 0, 33, 4

 0, 0, 0

 169, 235, 201

 169, 235, 201

 146, 235, 189

 193, 235, 213

 122, 235, 177

 216, 235, 225

 98, 235, 165

 240, 235, 237

 75, 235, 153

 255, 235, 249

 52, 235, 140

 255, 235, 255

 28, 235, 128

 4, 235, 116

 0, 235, 114

Harmonies

Analogous

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



200, 230, 178



169, 235, 201



145, 237, 230

Triad

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



169, 235, 201



200, 220, 255



255, 204, 186

Complementary

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



169, 235, 201



235, 169, 203

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, 201, 212



169, 235, 201



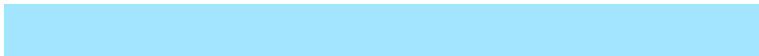
237, 210, 255

Square

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



169, 235, 201



163, 229, 255



255, 203, 240



255, 213, 169

Rectangle

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



169, 235, 201



140, 236, 248



255, 203, 240



255, 203, 194

Sweetspot

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



169, 235, 201



235, 255, 244



203, 235, 169



115, 128, 121



0, 0, 0



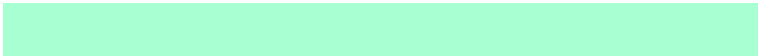
128, 128, 128

Same Dimension

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



169, 235, 201



168, 255, 210



169, 235, 234



106, 117, 111



0, 181, 88



0, 54, 26

Inverse Universe

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



235, 169, 203



255, 168, 213



235, 169, 170



117, 106, 112



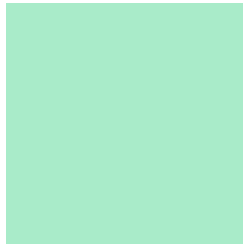
181, 0, 93



54, 0, 28

Previews

White Background



This preview shows how the RGB color 169, 235, 201 looks on a white background.

Color Contrast Check

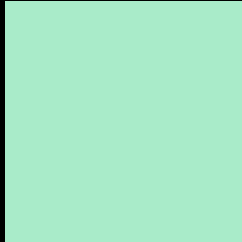
Large Text (above 18pt) WCAG AA × Fail

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 169, 235, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

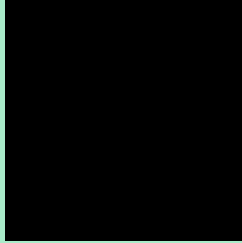
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

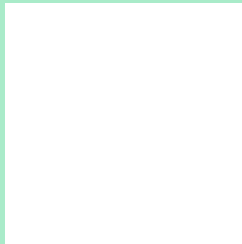
Any Text WCAG AAA ✓ Pass

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

RGB 169, 235, 201 Background



This preview shows how black text looks on a background with the RGB color 169, 235, 201.

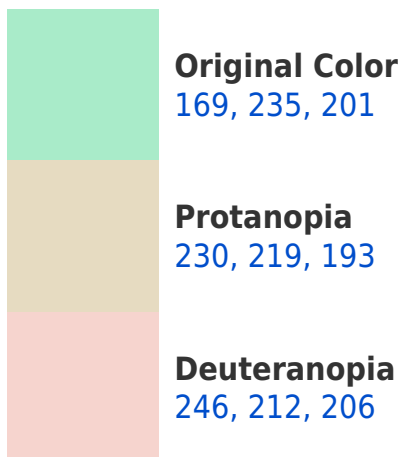


This preview shows how white text looks on a background with the RGB color 169, 235, 201.

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





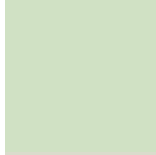
Tritanopia
178, 229, 247

Trichromacy



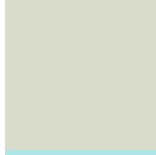
Original Color

169, 235, 201



Protanomaly

208, 225, 196



Deuteranomaly

218, 220, 204



Tritanomaly

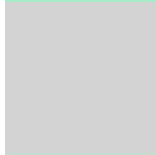
175, 231, 230

Monochromacy



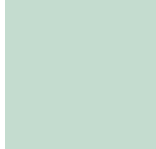
Original Color

169, 235, 201



Achromatopsia

211, 211, 211



Achromatomaly

196, 220, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 169, 235, 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(169, 235, 201)` looks like.

```
.text, #text, p{  
    color:rgb(169, 235, 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(169, 235, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 235, 201) }
```

Border

The CSS property to change the border of an element to RGB 169, 235, 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(169, 235, 201) }
```

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

```
.border{ border-color:rgb(169, 235, 201) }
```

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

Here you see how a box with a 4 pixel rgb(169, 235, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 235, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 235, 201);  
box-shadow:4px 4px 4px 4px rgb(169, 235,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 169, 235, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 235, 201) }
```

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

```
.background{ background-color: rgb(169,  
235, 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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