

Converting Colors

RGB(169, 232, 203)

Have a look what the booklet for
RGB(169, 232, 203) contains.

RGB(169, 232, 203)	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, 232, 203)

Conversions

Conversions Part 1

Format	Color
Hex	A9E8CB
RGB	169, 232, 203
RGB Percent	66%, 91%, 80%
CMY	0.3373, 0.0902, 0.2039
CMYK	0.27, 0.00, 0.13, 0.09
HSL	152°, 58%, 79%
HSV	152°, 27%, 91%
XYZ	55.9983, 70.4600, 67.1486
YIQ	209.8570, -28.2390, -22.3750

Conversions

Conversions Part 2

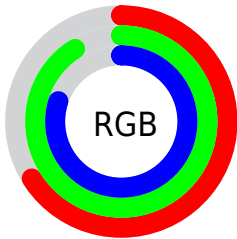
Format	Color
RYB	169, 210, 232
Decimal	11135179
CIELab	87.22, -25.76, 7.73
CIELCh	87, 26.895, 163.294
Yxy	70.4600, 0.2892, 0.3639
Android (android.graphics.Color)	4289325259 (0xFFA9E8CB)
YUV	209.8570, -3.3805, -35.8316
Hunter-Lab	83.9405, -27.8151, 11.3290

Details

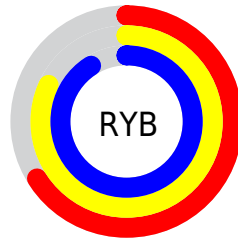
The RGB color **169, 232, 203** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **232, 169, 198**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **225, 255, 255**, and **115, 176, 149** is the 20% darker color. If you saturate the color by 10%, you get **146, 232, 192**, and if you desaturate by 10%, it is **192, 232, 214**.

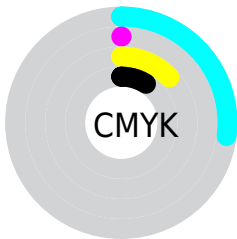
Distribution



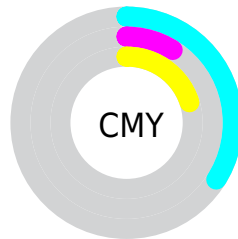
- Red (66%)
- Green (91%)
- Blue (80%)



- Red (66%)
- Yellow (82%)
- Blue (91%)



- Cyan (27%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)



- Cyan (34%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 169, 232, 203 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, 232, 203 by changing the saturation by 10% instead.

 169, 232, 203

255, 255, 255


 225, 255, 255

254, 255, 255

 169, 232, 203

 142, 204, 176

 115, 176, 149

 89, 149, 123

 64, 123, 98

 38, 98, 74

 7, 74, 52

 0, 51, 31

 0, 31, 6

 0, 0, 0

 169, 232, 203

 169, 232, 203

 146, 232, 192

 192, 232, 214

 123, 232, 182

 215, 232, 224

 99, 232, 171

 239, 232, 235

 76, 232, 160

 255, 232, 246

 53, 232, 150

 255, 232, 255

 30, 232, 139

 7, 232, 128

 0, 232, 125

Harmonies

Analogous

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



197, 228, 181



169, 232, 203



149, 233, 229

Triad

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



169, 232, 203



204, 217, 255



255, 204, 185

Complementary

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



169, 232, 203



232, 169, 198

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, 200, 208



169, 232, 203



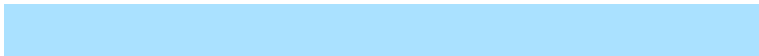
237, 208, 255

Square

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



169, 232, 203



170, 225, 255



255, 202, 234



251, 212, 170

Rectangle

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



169, 232, 203



146, 232, 246



255, 202, 234



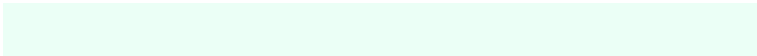
255, 203, 192

Sweetspot

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



169, 232, 203



235, 255, 246



198, 232, 169



115, 128, 122



0, 0, 0



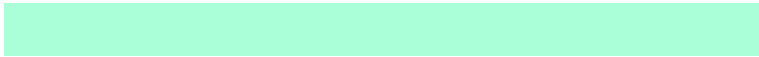
128, 128, 128

Same Dimension

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



169, 232, 203



171, 255, 216



169, 230, 232



103, 115, 109



0, 179, 96



0, 51, 28

Inverse Universe

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



232, 169, 198



255, 171, 210



232, 171, 169



115, 103, 109



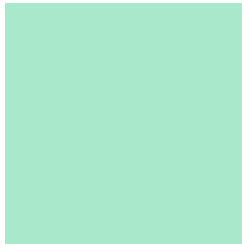
179, 0, 82



51, 0, 23

Previews

White Background



This preview shows how the RGB color 169, 232, 203 looks on a white background.

Color Contrast Check

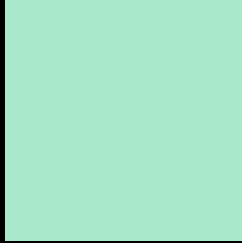
Large Text (above 18pt) WCAG AA × Fail

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, 232, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

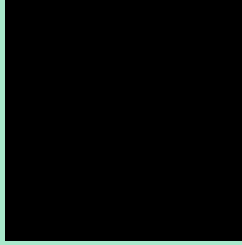
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

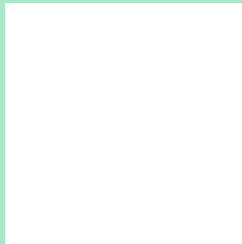
Any Text WCAG AAA ✓ Pass

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

RGB 169, 232, 203 Background



This preview shows how black text looks on a background with the RGB color 169, 232, 203.

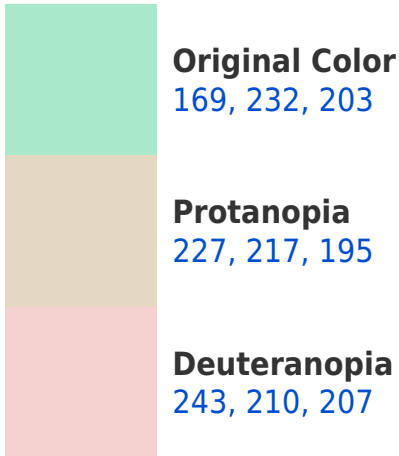


This preview shows how white text looks on a background with the RGB color 169, 232, 203.

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





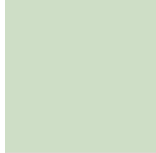
Tritanopia
177, 226, 244

Trichromacy



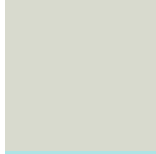
Original Color

169, 232, 203



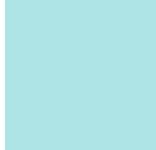
Protanomaly

206, 222, 198



Deuteranomaly

216, 218, 206



Tritanomaly

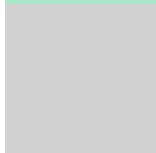
174, 228, 229

Monochromacy



Original Color

169, 232, 203



Achromatopsia

210, 210, 210



Achromatomaly

195, 218, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 169, 232, 203 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, 232, 203)` looks like.

```
.text, #text, p{  
    color:rgb(169, 232, 203)  
}
```

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, 232, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 232, 203) }
```

Border

The CSS property to change the border of an element to RGB 169, 232, 203 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, 232, 203) }
```

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

```
.border{ border-color:rgb(169, 232, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 232, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 232, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 232, 203);  
box-shadow:4px 4px 4px 4px rgb(169, 232,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 169, 232, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 232, 203) }
```

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

```
.background{ background-color: rgb(169,  
232, 203) }
```

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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