

Converting Colors

RGB(169, 252, 219)

Have a look what the booklet for
RGB(169, 252, 219) contains.

RGB(169, 252, 219)	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, 252, 219)

Conversions

Conversions Part 1

Format	Color
Hex	A9FCDB
RGB	169, 252, 219
RGB Percent	66%, 99%, 86%
CMY	0.3373, 0.0118, 0.1412
CMYK	0.33, 0.00, 0.13, 0.01
HSL	156°, 93%, 83%
HSV	156°, 33%, 99%
XYZ	63.9588, 83.1703, 79.7003
YIQ	223.4210, -38.8750, -27.8590

Conversions

Conversions Part 2

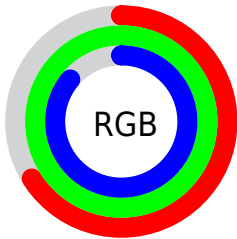
Format	Color
RYB	169, 221, 252
Decimal	11140315
CIELab	93.09, -32.06, 7.84
CIELCh	93, 33.004, 166.260
Yxy	83.1703, 0.2820, 0.3667
Android (android.graphics.Color)	4289330395 (0xFFA9FCDB)
YUV	223.4210, -2.1796, -47.7272
Hunter-Lab	91.1978, -34.4105, 12.0232

Details

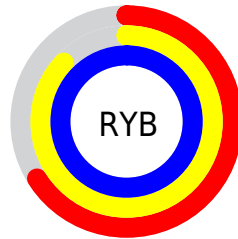
The RGB color **169, 252, 219** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **252, 169, 202**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **226, 255, 255**, and **114, 195, 164** is the 20% darker color. If you saturate the color by 10%, you get **144, 252, 209**, and if you desaturate by 10%, it is **194, 252, 229**.

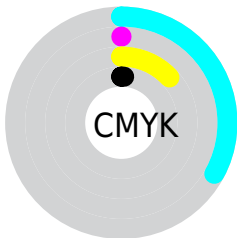
Distribution



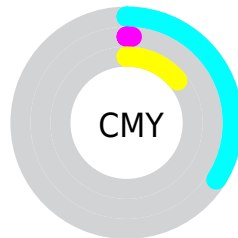
- Red (66%)
- Green (99%)
- Blue (86%)



- Red (66%)
- Yellow (87%)
- Blue (99%)



- Cyan (33%)
- Magenta (0%)
- Yellow (13%)
- Black (1%)



- Cyan (34%)
- Magenta (1%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 169, 252, 219 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, 252, 219 by changing the saturation by 10% instead.


 169, 252, 219


255, 255, 255


 226, 255, 255

 169, 252, 219

 141, 223, 191

 114, 195, 164

 87, 168, 138


 59, 141, 112

 29, 115, 88

 0, 90, 65

 0, 66, 43

 0, 43, 22

 0, 19, 0

 169, 252, 219

 169, 252, 219

 144, 252, 209

 194, 252, 229

 119, 252, 199

 219, 252, 239

 93, 252, 189

 245, 252, 249

 68, 252, 179

 255, 252, 255

 43, 252, 169

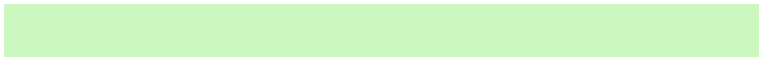
 18, 252, 159

 0, 252, 152

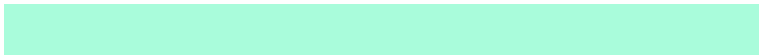
Harmonies

Analogous

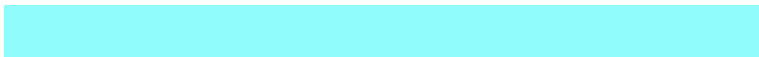
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



204, 247, 190



169, 252, 219



144, 253, 252

Triad

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



169, 252, 219



220, 232, 255



255, 218, 191

Complementary

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



169, 252, 219



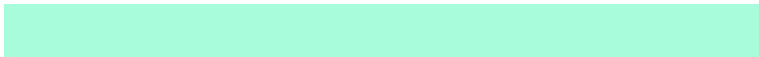
252, 169, 202

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, 212, 219



169, 252, 219



255, 221, 255

Square

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



169, 252, 219



176, 243, 255



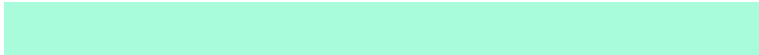
255, 214, 251



255, 228, 174

Rectangle

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



169, 252, 219



141, 251, 255



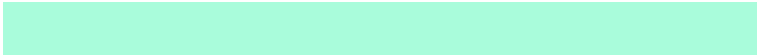
255, 214, 251



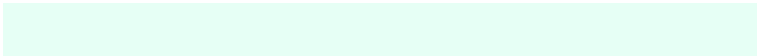
255, 216, 199

Sweetspot

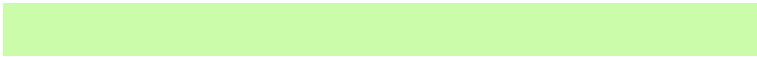
The Sweet Spot groups the original color and five complimentary colors.



169, 252, 219



230, 255, 245



202, 252, 169



112, 128, 121



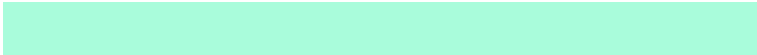
0, 0, 0



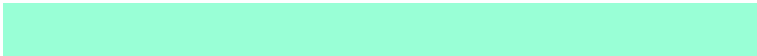
128, 128, 128

Same Dimension

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



169, 252, 219



153, 255, 214



169, 244, 252



112, 125, 120



0, 189, 114



0, 61, 37

Inverse Universe

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



252, 169, 202



255, 153, 194



252, 177, 169



125, 112, 117



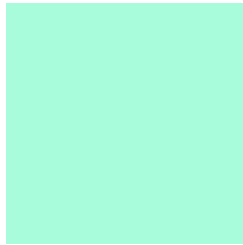
189, 0, 75



61, 0, 24

Previews

White Background



This preview shows how the RGB color 169, 252, 219 looks on a white background.

Color Contrast Check

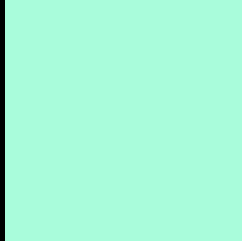
Large Text (above 18pt) WCAG AA × Fail

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, 252, 219 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

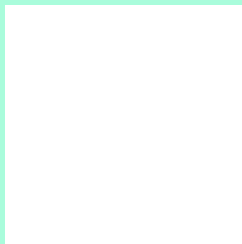
Any Text WCAG AAA ✓ Pass

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

RGB 169, 252, 219 Background



This preview shows how black text looks on a background with the RGB color 169, 252, 219.

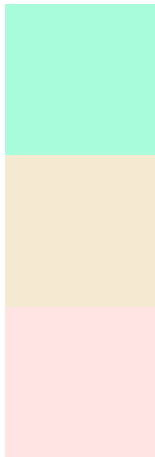


This preview shows how white text looks on a background with the RGB color 169, 252, 219.

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



Original Color
169, 252, 219

Protanopia
244, 233, 209

Deuteranopia
255, 228, 227



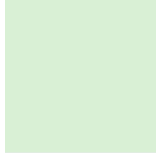
Tritanopia
200, 242, 255

Trichromacy



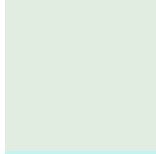
Original Color

169, 252, 219



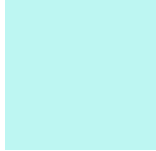
Protanomaly

217, 240, 213



Deuteranomaly

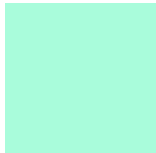
224, 237, 224



Tritanomaly

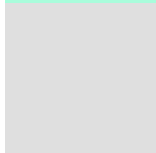
189, 246, 242

Monochromacy



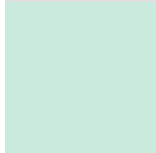
Original Color

169, 252, 219



Achromatopsia

223, 223, 223



Achromatomaly

203, 234, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 169, 252, 219 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, 252, 219)` looks like.

```
.text, #text, p{  
    color:rgb(169, 252, 219)  
}
```

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, 252, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 252, 219) }
```

Border

The CSS property to change the border of an element to RGB 169, 252, 219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

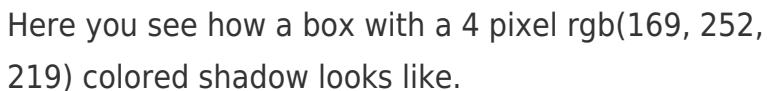
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 252, 219) }
```

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

```
.border{ border-color:rgb(169, 252, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 252, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 252, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 252, 219); box-shadow:4px 4px 4px 4px rgb(169, 252, 219) }
```

Background

The CSS property to change the background color of an element to RGB 169, 252, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 252, 219) }
```

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

```
.background{ background-color: rgb(169,  
252, 219) }
```

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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