

Converting Colors

RGB(169, 252, 228)

Have a look what the booklet for
RGB(169, 252, 228) contains.

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Color

RGB(169, 252, 228)

Conversions

Conversions Part 1

Format	Color
Hex	A9FCE4
RGB	169, 252, 228
RGB Percent	66%, 99%, 89%
CMY	0.3373, 0.0118, 0.1059
CMYK	0.33, 0.00, 0.10, 0.01
HSL	163°, 93%, 83%
HSV	163°, 33%, 99%
XYZ	65.1762, 83.6573, 86.1111
YIQ	224.4470, -41.7640, -25.0600

Conversions

Conversions Part 2

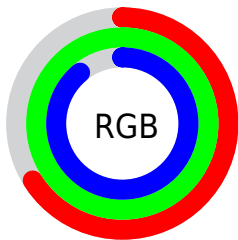
Format	Color
RYB	169, 218, 252
Decimal	11140324
CIELab	93.30, -30.21, 3.50
CIELCh	93, 30.415, 173.398
Yxy	83.6573, 0.2774, 0.3561
Android (android.graphics.Color)	4289330404 (0xFFA9FCE4)
YUV	224.4470, 1.7516, -48.6270
Hunter-Lab	91.4643, -32.8661, 8.2052

Details

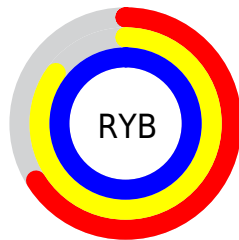
The RGB color **169, 252, 228** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **252, 169, 193**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **226, 255, 255**, and **114, 195, 173** is the 20% darker color. If you saturate the color by 10%, you get **144, 252, 221**, and if you desaturate by 10%, it is **194, 252, 235**.

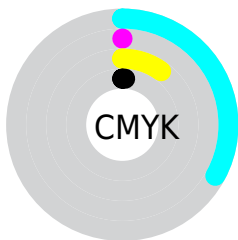
Distribution



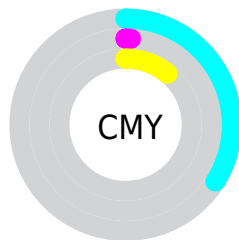
- Red (66%)
- Green (99%)
- Blue (89%)



- Red (66%)
- Yellow (85%)
- Blue (99%)



- Cyan (33%)
- Magenta (0%)
- Yellow (10%)
- Black (1%)



- Cyan (34%)
- Magenta (1%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 169, 252, 228 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, 228 by changing the saturation by 10% instead.

 169, 252, 228


255, 255, 255


 226, 255, 255

 169, 252, 228

 141, 223, 200

 114, 195, 173

 86, 168, 146

 59, 141, 120

 28, 115, 96

 0, 90, 72

 0, 66, 50

 0, 43, 29

 0, 20, 3

 169, 252, 228

 169, 252, 228

 144, 252, 221

 194, 252, 235

 119, 252, 213

 219, 252, 243

 93, 252, 206

 245, 252, 250

 68, 252, 199

 255, 252, 255

 43, 252, 192

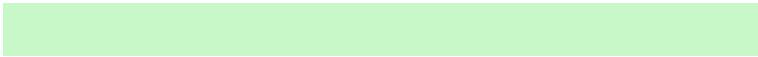
 18, 252, 184

 0, 252, 179

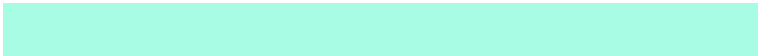
Harmonies

Analogous

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



200, 248, 200



169, 252, 228



152, 252, 255

Triad

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



169, 252, 228



232, 231, 255



255, 222, 190

Complementary

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



169, 252, 228



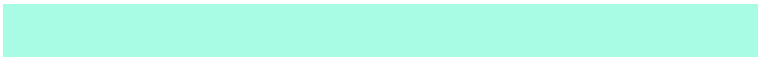
252, 169, 193

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, 216, 214



169, 252, 228



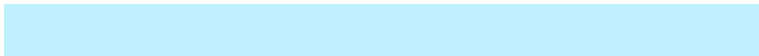
255, 221, 255

Square

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



169, 252, 228



192, 240, 255



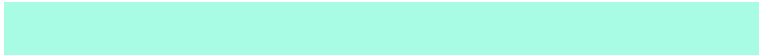
255, 215, 243



255, 232, 178

Rectangle

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



169, 252, 228



154, 250, 255



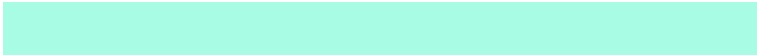
255, 215, 243



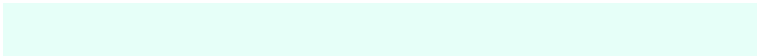
255, 219, 197

Sweetspot

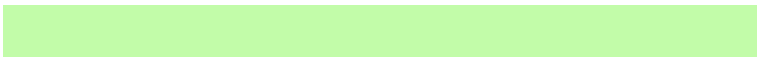
The Sweet Spot groups the original color and five complimentary colors.



169, 252, 228



230, 255, 248



194, 252, 169



112, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

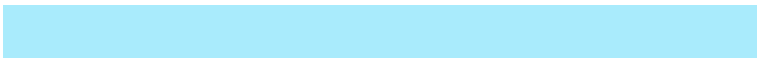
The Same Dimension uses a secret algorithm to generate beautiful new colors.



169, 252, 228



153, 255, 226



169, 235, 252



112, 125, 121



0, 189, 134



0, 61, 44

Inverse Universe

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



252, 169, 193



255, 153, 182



252, 186, 169



125, 112, 116



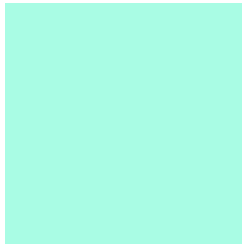
189, 0, 55



61, 0, 18

Previews

White Background



This preview shows how the RGB color 169, 252, 228 looks on a white background.

Color Contrast Check

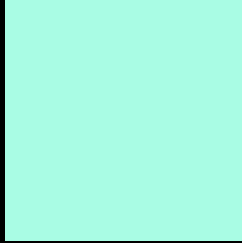
Large Text (above 18pt) WCAG AA × Fail

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, 228 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

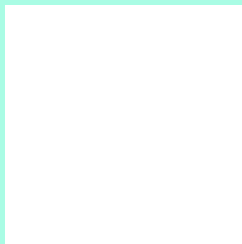
Any Text WCAG AAA ✓ Pass

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

RGB 169, 252, 228 Background



This preview shows how black text looks on a background with the RGB color 169, 252, 228.

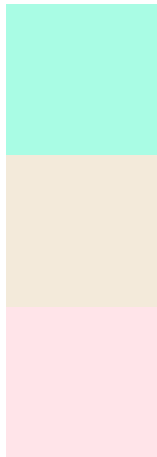


This preview shows how white text looks on a background with the RGB color 169, 252, 228.

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, 228

Protanopia
243, 234, 218

Deuteranopia
255, 228, 233



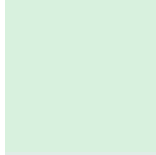
Tritanopia
201, 242, 255

Trichromacy



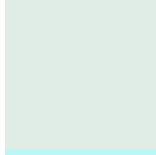
Original Color

169, 252, 228



Protanomaly

216, 241, 222



Deuteranomaly

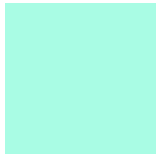
224, 237, 231



Tritanomaly

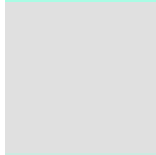
189, 246, 245

Monochromacy



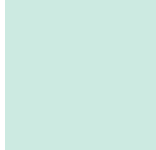
Original Color

169, 252, 228



Achromatopsia

224, 224, 224



Achromatomaly

204, 234, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 169, 252, 228 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(169, 252, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 252, 228) }
```

Border

The CSS property to change the border of an element to RGB 169, 252, 228 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, 228) }
```

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

```
.border{ border-color:rgb(169, 252, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 252, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 252, 228);  
box-shadow:4px 4px 4px 4px rgb(169, 252,  
228) }
```

Background

The CSS property to change the background color of an element to RGB 169, 252, 228 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, 228) }
```

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

```
.background{ background-color: rgb(169,  
252, 228) }
```

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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