

Converting Colors

RGB(172, 251, 211)

Have a look what the booklet for
RGB(172, 251, 211) contains.

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Color

RGB(172, 251, 211)

Conversions

Conversions Part 1

Format	Color
Hex	ACFBD3
RGB	172, 251, 211
RGB Percent	67%, 98%, 83%
CMY	0.3255, 0.0157, 0.1725
CMYK	0.31, 0.00, 0.16, 0.02
HSL	150°, 91%, 83%
HSV	150°, 31%, 98%
XYZ	63.2683, 82.4682, 74.2114
YIQ	222.8190, -34.2440, -29.1880

Conversions

Conversions Part 2

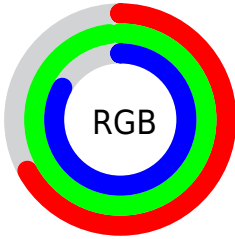
Format	Color
RYB	172, 225, 251
Decimal	11336659
CIELab	92.78, -32.32, 11.55
CIELCh	93, 34.316, 160.340
Yxy	82.4682, 0.2877, 0.3749
Android (android.graphics.Color)	4289526739 (0xFFACFBD3)
YUV	222.8190, -5.8268, -44.5683
Hunter-Lab	90.8120, -34.5608, 15.1167

Details

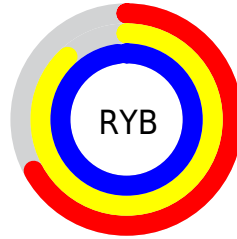
The RGB color **172, 251, 211** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **251, 172, 212**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **229, 255, 255**, and **117, 194, 156** is the 20% darker color. If you saturate the color by 10%, you get **147, 251, 198**, and if you desaturate by 10%, it is **197, 251, 224**.

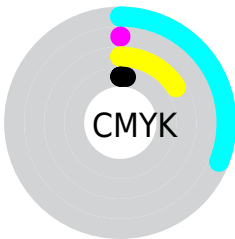
Distribution



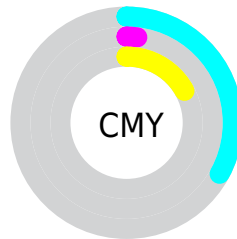
- Red (67%)
- Green (98%)
- Blue (83%)



- Red (67%)
- Yellow (88%)
- Blue (98%)



- Cyan (31%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)



- Cyan (33%)
- Magenta (2%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 251, 211 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 172, 251, 211 by changing the saturation by 10% instead.

 172, 251, 211


255, 255, 255


 229, 255, 255

 172, 251, 211


 144, 222, 183

 117, 194, 156

 90, 167, 130

 64, 140, 105

 35, 114, 81

 0, 89, 58

 0, 65, 36

 0, 42, 15

 0, 17, 0

 172, 251, 211

 172, 251, 211

 147, 251, 198

 197, 251, 224

 122, 251, 186

 222, 251, 236

 97, 251, 173

 247, 251, 249

 72, 251, 160

 255, 251, 255

 47, 251, 147

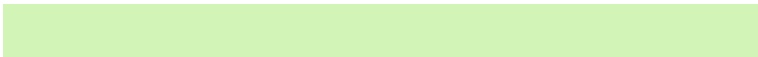
 21, 251, 135

 0, 251, 124

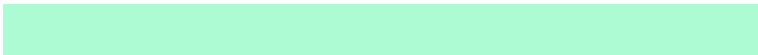
Harmonies

Analogous

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



210, 245, 183



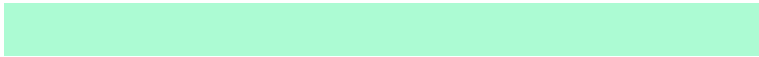
172, 251, 211



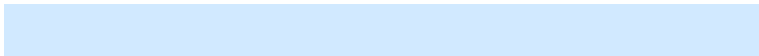
142, 253, 245

Triad

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



172, 251, 211



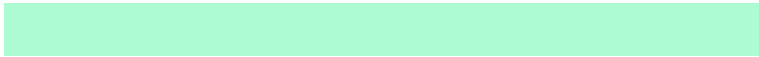
209, 233, 255



255, 215, 193

Complementary

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



172, 251, 211



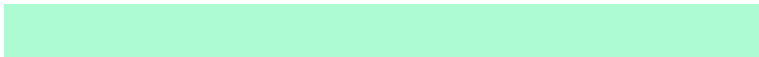
251, 172, 212

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, 210, 224



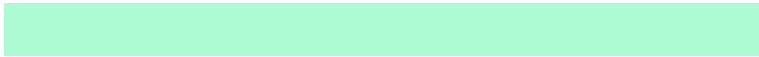
172, 251, 211



254, 222, 255

Square

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



172, 251, 211



163, 244, 255



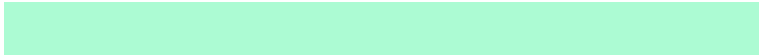
255, 213, 255



255, 225, 173

Rectangle

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



172, 251, 211



134, 252, 255



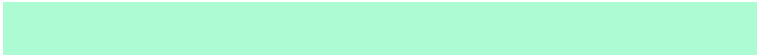
255, 213, 255



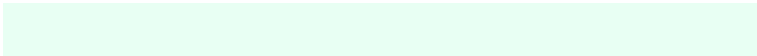
255, 213, 202

Sweetspot

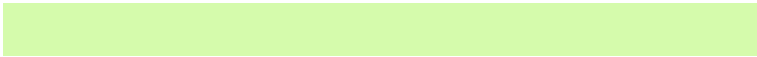
The Sweet Spot groups the original color and five complimentary colors.



172, 251, 211



232, 255, 243



213, 251, 172



113, 128, 120



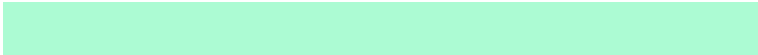
0, 0, 0



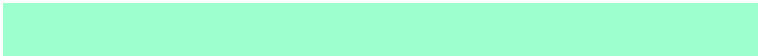
128, 128, 128

Same Dimension

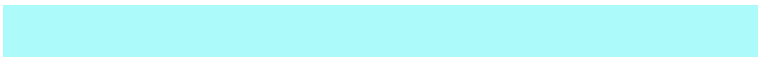
The Same Dimension uses a secret algorithm to generate beautiful new colors.



172, 251, 211



158, 255, 206



172, 251, 250



112, 125, 119



0, 189, 93



0, 61, 30

Inverse Universe

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



251, 172, 212



255, 158, 207



251, 172, 173



125, 112, 119



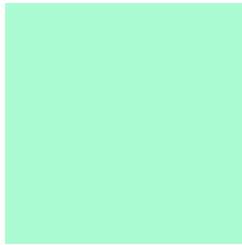
189, 0, 96



61, 0, 31

Previews

White Background



This preview shows how the RGB color 172, 251, 211 looks on a white background.

Color Contrast Check

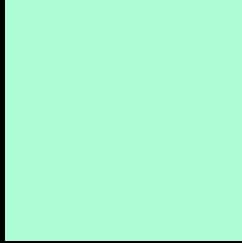
Large Text (above 18pt) WCAG AA × Fail

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 172, 251, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

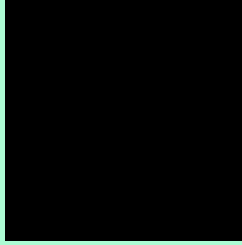
Any Text WCAG AA ✓ Pass

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 172, 251, 211 Background



This preview shows how black text looks on a background with the RGB color 172, 251, 211.

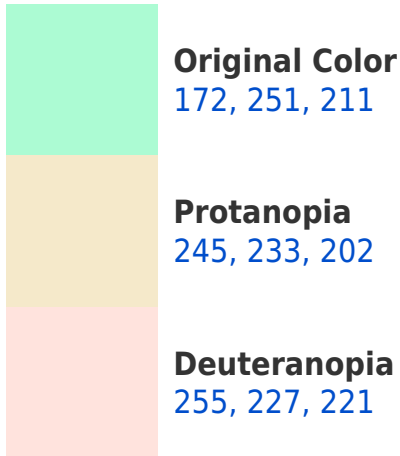


This preview shows how white text looks on a background with the RGB color 172, 251, 211.

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





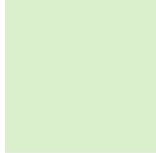
Tritanopia
199, 241, 255

Trichromacy



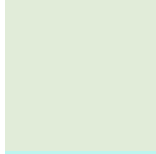
Original Color

172, 251, 211



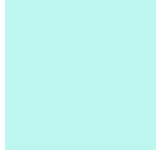
Protanomaly

218, 240, 205



Deuteranomaly

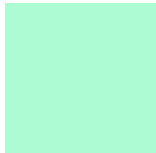
225, 236, 217



Tritanomaly

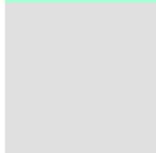
189, 245, 239

Monochromacy



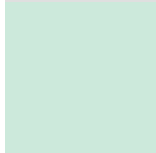
Original Color

172, 251, 211



Achromatopsia

223, 223, 223



Achromatomaly

204, 233, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 251, 211 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(172, 251, 211)` looks like.

```
.text, #text, p{  
    color:rgb(172, 251, 211)  
}
```

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(172, 251, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 251, 211) }
```

Border

The CSS property to change the border of an element to RGB 172, 251, 211 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(172, 251, 211) }
```

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

```
.border{ border-color:rgb(172, 251, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 251, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 251, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 251, 211);  
box-shadow:4px 4px 4px 4px rgb(172, 251,  
211) }
```

Background

The CSS property to change the background color of an element to RGB 172, 251, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 251, 211) }
```

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

```
.background{ background-color: rgb(172,  
251, 211) }
```

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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