

Converting Colors

RGB(172, 251, 203)

Have a look what the booklet for
RGB(172, 251, 203) contains.

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Color

RGB(172, 251, 203)

Conversions

Conversions Part 1

Format	Color
Hex	ACFBCB
RGB	172, 251, 203
RGB Percent	67%, 98%, 80%
CMY	0.3255, 0.0157, 0.2039
CMYK	0.31, 0.00, 0.19, 0.02
HSL	144°, 91%, 83%
HSV	144°, 31%, 98%
XYZ	62.2899, 82.0768, 69.0593
YIQ	221.9070, -31.6760, -31.6760

Conversions

Conversions Part 2

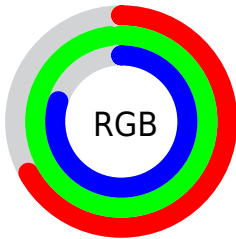
Format	Color
RYB	172, 229, 251
Decimal	11336651
CIELab	92.61, -33.83, 15.42
CIELCh	93, 37.182, 155.500
Yxy	82.0768, 0.2919, 0.3846
Android (android.graphics.Color)	4289526731 (0xFFACFBCB)
YUV	221.9070, -9.3212, -43.7684
Hunter-Lab	90.5963, -35.8148, 18.2221

Details

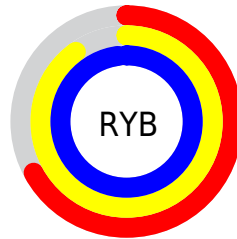
The RGB color **172, 251, 203** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **251, 172, 220**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **229, 255, 255**, and **117, 194, 149** is the 20% darker color. If you saturate the color by 10%, you get **147, 251, 188**, and if you desaturate by 10%, it is **197, 251, 218**.

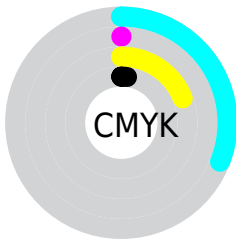
Distribution



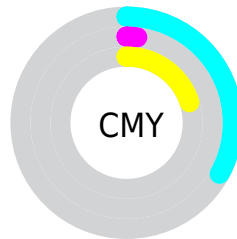
- Red (67%)
- Green (98%)
- Blue (80%)



- Red (67%)
- Yellow (90%)
- Blue (98%)



- Cyan (31%)
- Magenta (0%)
- Yellow (19%)
- Black (2%)



- Cyan (33%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 251, 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 172, 251, 203 by changing the saturation by 10% instead.

 172, 251, 203


255, 255, 255

 229, 255, 255

 172, 251, 203


 144, 222, 176

 117, 194, 149

 90, 167, 123

 64, 140, 98

 35, 114, 74

 0, 89, 51

 0, 65, 30

 0, 42, 6

 0, 17, 0

■ 172, 251, 203

■ 172, 251, 203

■ 147, 251, 188

■ 197, 251, 218

■ 122, 251, 172

■ 222, 251, 234

■ 97, 251, 157

■ 247, 251, 249

■ 72, 251, 142

■ 255, 251, 255

■ 47, 251, 127

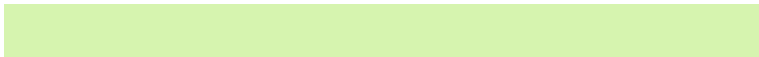
■ 21, 251, 111

■ 0, 251, 98

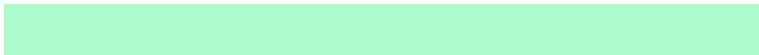
Harmonies

Analogous

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



214, 244, 175



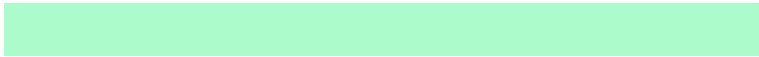
172, 251, 203



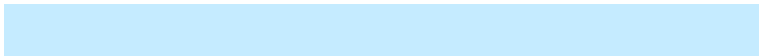
135, 254, 239

Triad

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



172, 251, 203



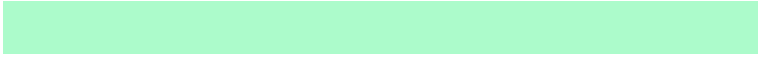
197, 235, 255



255, 211, 194

Complementary

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



172, 251, 203



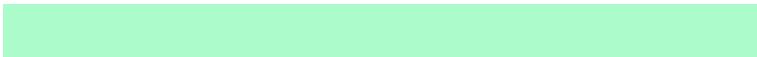
251, 172, 220

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, 207, 228



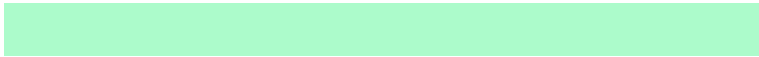
172, 251, 203



247, 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, 203



147, 245, 255



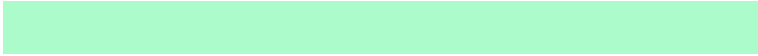
255, 211, 255



255, 222, 170

Rectangle

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



172, 251, 203



121, 253, 255



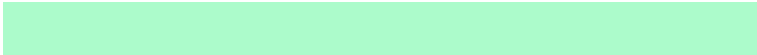
255, 211, 255



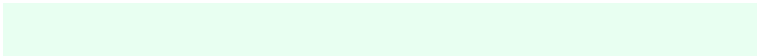
255, 209, 205

Sweetspot

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



172, 251, 203



232, 255, 241



221, 251, 172



113, 128, 119



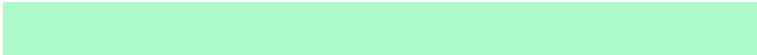
0, 0, 0



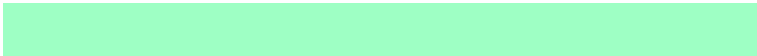
128, 128, 128

Same Dimension

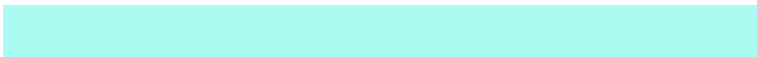
The Same Dimension uses a secret algorithm to generate beautiful new colors.



172, 251, 203



158, 255, 196



172, 251, 242



112, 125, 117



0, 189, 74



0, 61, 24

Inverse Universe

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



251, 172, 220



255, 158, 217



251, 172, 181



125, 112, 120



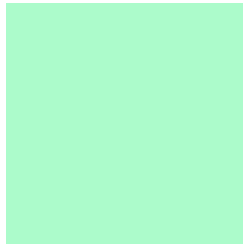
189, 0, 115



61, 0, 37

Previews

White Background



This preview shows how the RGB color 172, 251, 203 looks on a white background.

Color Contrast Check

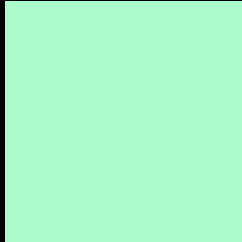
Large Text (above 18pt) WCAG AA × Fail

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 172, 251, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

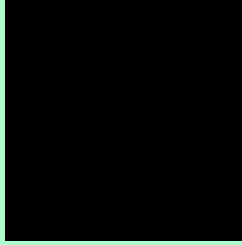
Any Text WCAG AA ✓ Pass

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 172, 251, 203 Background



This preview shows how black text looks on a background with the RGB color 172, 251, 203.

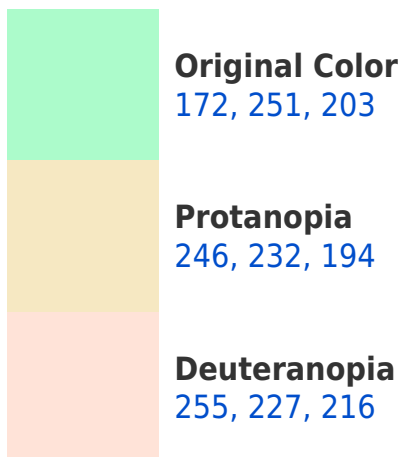


This preview shows how white text looks on a background with the RGB color 172, 251, 203.

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





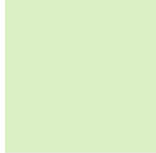
Tritanopia
198, 240, 255

Trichromacy



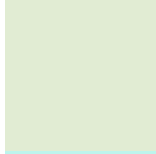
Original Color

172, 251, 203



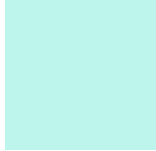
Protanomaly

219, 239, 197



Deuteranomaly

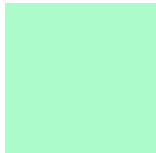
225, 236, 211



Tritanomaly

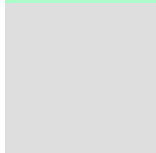
189, 244, 236

Monochromacy



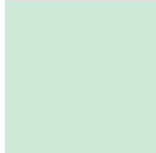
Original Color

172, 251, 203



Achromatopsia

222, 222, 222



Achromatomaly

204, 233, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 251, 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(172, 251, 203)` looks like.

```
.text, #text, p{  
    color:rgb(172, 251, 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(172, 251, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 251, 203) }
```

Border

The CSS property to change the border of an element to RGB 172, 251, 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(172, 251, 203) }
```

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

```
.border{ border-color:rgb(172, 251, 203) }
```

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, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 251, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 251, 203);  
box-shadow:4px 4px 4px 4px rgb(172, 251,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 172, 251, 203 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, 203) }
```

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

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