

Converting Colors

RGB(172, 231, 201)

Have a look what the booklet for
RGB(172, 231, 201) contains.

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Color

RGB(172, 231, 201)

Conversions

Conversions Part 1

Format	Color
Hex	ACE7C9
RGB	172, 231, 201
RGB Percent	67%, 91%, 79%
CMY	0.3255, 0.0941, 0.2118
CMYK	0.26, 0.00, 0.13, 0.09
HSL	149°, 55%, 79%
HSV	149°, 26%, 91%
XYZ	56.1318, 70.1395, 65.8382
YIQ	209.9390, -25.5340, -21.8380

Conversions

Conversions Part 2

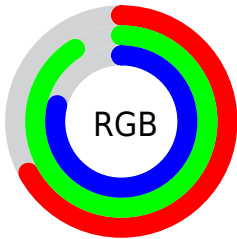
Format	Color
RYB	172, 212, 231
Decimal	11331529
CIELab	87.07, -24.75, 8.58
CIELCh	87, 26.195, 160.890
Yxy	70.1395, 0.2922, 0.3651
Android (android.graphics.Color)	4289521609 (0xFFACE7C9)
YUV	209.9390, -4.4069, -33.2725
Hunter-Lab	83.7493, -26.9243, 12.0147

Details

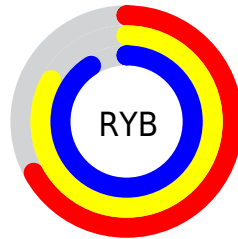
The RGB color **172, 231, 201** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **231, 172, 202**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **228, 255, 255**, and **118, 175, 147** is the 20% darker color. If you saturate the color by 10%, you get **149, 231, 189**, and if you desaturate by 10%, it is **195, 231, 213**.

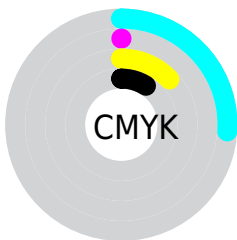
Distribution



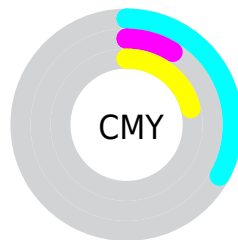
- Red (67%)
- Green (91%)
- Blue (79%)



- Red (67%)
- Yellow (83%)
- Blue (91%)



- Cyan (26%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)



- Cyan (33%)
- Magenta (9%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 231, 201 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, 231, 201 by changing the saturation by 10% instead.

 172, 231, 201


255, 255, 255

 228, 255, 255

 172, 231, 201


 145, 203, 174

 118, 175, 147

 92, 148, 121

 67, 122, 96

 42, 97, 73

 15, 73, 50

 0, 50, 29

 0, 31, 4

 0, 0, 0

 172, 231, 201

 172, 231, 201


 149, 231, 189

 195, 231, 213

 126, 231, 178

 218, 231, 224

 103, 231, 166

 241, 231, 236

 80, 231, 154

 255, 231, 248

 57, 231, 142

 255, 231, 255

 33, 231, 131

 10, 231, 119

 0, 231, 114

Harmonies

Analogous

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



200, 226, 180



172, 231, 201



152, 232, 227

Triad

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



172, 231, 201



201, 217, 255



255, 204, 187

Complementary

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



172, 231, 201



231, 172, 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, 200, 210



172, 231, 201



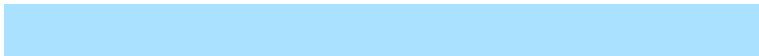
234, 209, 255

Square

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



172, 231, 201



169, 225, 255



255, 202, 235



251, 211, 172

Rectangle

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



172, 231, 201



148, 231, 243



255, 202, 235



255, 202, 194

Sweetspot

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



172, 231, 201



235, 255, 245



202, 231, 172



115, 128, 121



0, 0, 0



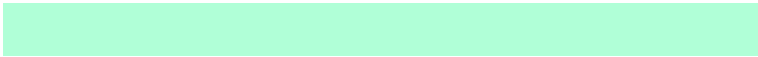
128, 128, 128

Same Dimension

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



172, 231, 201



176, 255, 215



172, 231, 230



103, 115, 109



0, 179, 88



0, 51, 25

Inverse Universe

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



231, 172, 202



255, 176, 216



231, 172, 173



115, 103, 109



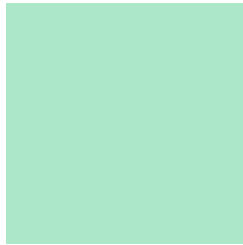
179, 0, 91



51, 0, 26

Previews

White Background



This preview shows how the RGB color 172, 231, 201 looks on a white background.

Color Contrast Check

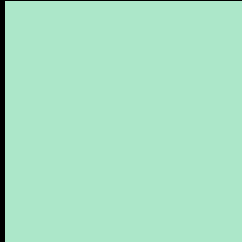
Large Text (above 18pt) WCAG AA × Fail

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, 231, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

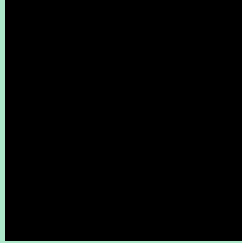
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

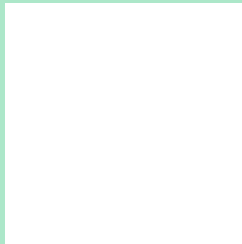
Any Text WCAG AAA ✓ Pass

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

RGB 172, 231, 201 Background



This preview shows how black text looks on a background with the RGB color 172, 231, 201.

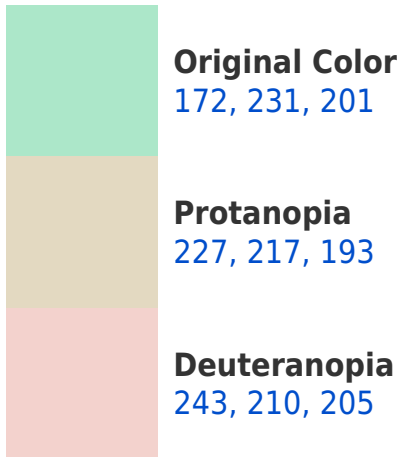


This preview shows how white text looks on a background with the RGB color 172, 231, 201.

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





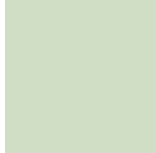
Tritanopia
180, 225, 243

Trichromacy



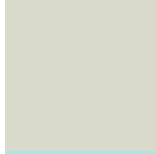
Original Color

172, 231, 201



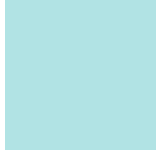
Protanomaly

207, 222, 196



Deuteranomaly

217, 218, 204



Tritanomaly

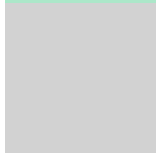
177, 227, 228

Monochromacy



Original Color

172, 231, 201



Achromatopsia

210, 210, 210



Achromatomaly

196, 218, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 231, 201 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, 231, 201)` looks like.

```
.text, #text, p{  
    color:rgb(172, 231, 201)  
}
```

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, 231, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 231, 201) }
```

Border

The CSS property to change the border of an element to RGB 172, 231, 201 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, 231, 201) }
```

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

```
.border{ border-color:rgb(172, 231, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 231, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 231, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 231, 201);  
box-shadow:4px 4px 4px 4px rgb(172, 231,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 172, 231, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 231, 201) }
```

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

```
.background{ background-color: rgb(172,  
231, 201) }
```

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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