

Converting Colors

RGB(172, 229, 188)

Have a look what the booklet for
RGB(172, 229, 188) contains.

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Color

RGB(172, 229, 188)

Conversions

Conversions Part 1

Format	Color
Hex	ACE5BC
RGB	172, 229, 188
RGB Percent	67%, 90%, 74%
CMY	0.3255, 0.1020, 0.2627
CMYK	0.25, 0.00, 0.18, 0.10
HSL	137°, 52%, 79%
HSV	137°, 25%, 90%
XYZ	54.1097, 68.4401, 57.9353
YIQ	207.2830, -20.8110, -24.8350

Conversions

Conversions Part 2

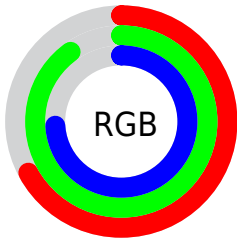
Format	Color
RYB	172, 217, 229
Decimal	11331004
CIELab	86.23, -26.23, 14.19
CIELCh	86, 29.824, 151.597
Yxy	68.4401, 0.2998, 0.3792
Android (android.graphics.Color)	4289521084 (0xFFACE5BC)
YUV	207.2830, -9.5065, -30.9432
Hunter-Lab	82.7285, -28.0247, 16.3888

Details

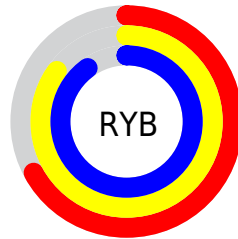
The RGB color **172, 229, 188** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **229, 172, 213**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **228, 255, 244**, and **118, 173, 135** is the 20% darker color. If you saturate the color by 10%, you get **149, 229, 172**, and if you desaturate by 10%, it is **195, 229, 204**.

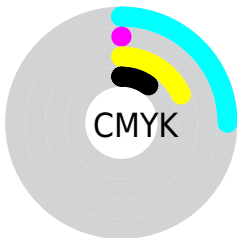
Distribution



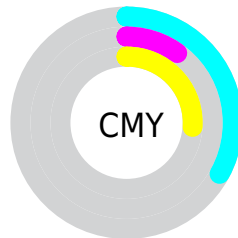
- Red (67%)
- Green (90%)
- Blue (74%)



- Red (67%)
- Yellow (85%)
- Blue (90%)



- Cyan (25%)
- Magenta (0%)
- Yellow (18%)
- Black (10%)



- Cyan (33%)
- Magenta (10%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 229, 188 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, 229, 188 by changing the saturation by 10% instead.

 172, 229, 188


255, 255, 255


 228, 255, 244

 172, 229, 188

 145, 201, 161

 118, 173, 135

 93, 147, 109

 68, 121, 85

 43, 96, 62

 16, 71, 39

 0, 48, 19

 0, 30, 0

 0, 0, 0

 172, 229, 188

 172, 229, 188

 149, 229, 172

 195, 229, 204

 126, 229, 155

 218, 229, 221

 103, 229, 139

 241, 229, 237

 80, 229, 122

 255, 229, 254

 57, 229, 106

 255, 229, 255

 35, 229, 89

 12, 229, 73

 0, 229, 64

Harmonies

Analogous

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



204, 223, 167



172, 229, 188



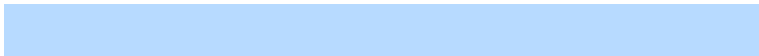
144, 232, 216

Triad

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



172, 229, 188



183, 218, 255



255, 198, 187

Complementary

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



172, 229, 188



229, 172, 213

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, 195, 215



172, 229, 188



222, 208, 255

Square

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



172, 229, 188



148, 226, 255



253, 199, 243



255, 205, 167

Rectangle

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



172, 229, 188



134, 231, 235



253, 199, 243



255, 196, 196

Sweetspot

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



172, 229, 188



237, 255, 242



214, 229, 172



117, 128, 120



0, 0, 0



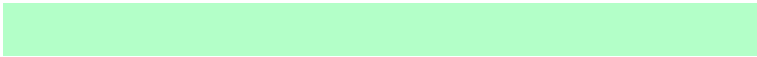
128, 128, 128

Same Dimension

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



172, 229, 188



179, 255, 200



172, 229, 216



103, 115, 106



0, 179, 50



0, 51, 14

Inverse Universe

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



229, 172, 213



255, 179, 234



229, 172, 185



115, 103, 112



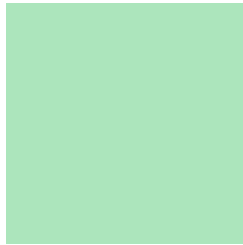
179, 0, 128



51, 0, 37

Previews

White Background



This preview shows how the RGB color 172, 229, 188 looks on a white background.

Color Contrast Check

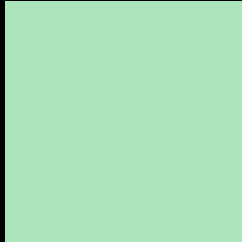
Large Text (above 18pt) WCAG AA × Fail

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, 229, 188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

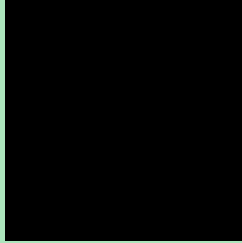
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

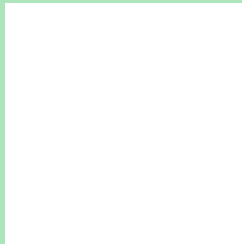
Any Text WCAG AAA ✓ Pass

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

RGB 172, 229, 188 Background



This preview shows how black text looks on a background with the RGB color 172, 229, 188.



This preview shows how white text looks on a background with the RGB color 172, 229, 188.

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





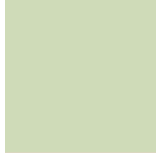
Tritanopia
182, 222, 240

Trichromacy



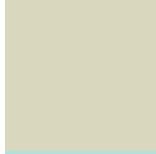
Original Color

172, 229, 188



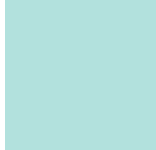
Protanomaly

207, 219, 184



Deuteranomaly

218, 215, 191



Tritanomaly

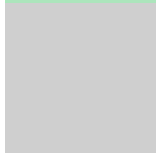
178, 225, 221

Monochromacy



Original Color

172, 229, 188



Achromatopsia

207, 207, 207



Achromatomaly

194, 215, 200

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 229, 188 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, 229, 188)` looks like.

```
.text, #text, p{  
    color:rgb(172, 229, 188)  
}
```

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, 229, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 229, 188) }
```

Border

The CSS property to change the border of an element to RGB 172, 229, 188 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, 229, 188) }
```

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

```
.border{ border-color:rgb(172, 229, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 229, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 229, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 229, 188); box-shadow:4px 4px 4px 4px rgb(172, 229, 188) }
```

Background

The CSS property to change the background color of an element to RGB 172, 229, 188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 229, 188) }
```

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

```
.background{ background-color: rgb(172,  
229, 188) }
```

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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