

Converting Colors

RGB(172, 238, 181)

Have a look what the booklet for
RGB(172, 238, 181) contains.

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Color

RGB(172, 238, 181)

Conversions

Conversions Part 1

Format	Color
Hex	ACEEB5
RGB	172, 238, 181
RGB Percent	67%, 93%, 71%
CMY	0.3255, 0.0667, 0.2902
CMYK	0.28, 0.00, 0.24, 0.07
HSL	128°, 66%, 80%
HSV	128°, 28%, 93%
XYZ	55.9283, 73.2559, 54.9081
YIQ	211.7680, -21.0390, -31.7190

Conversions

Conversions Part 2

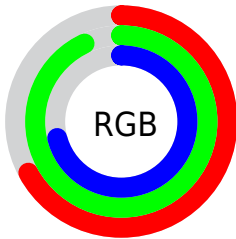
Format	Color
RYB	172, 230, 238
Decimal	11333301
CIELab	88.57, -31.74, 21.10
CIElCh	89, 38.117, 146.388
Yxy	73.2559, 0.3038, 0.3979
Android (android.graphics.Color)	4289523381 (0xFFACEEB5)
YUV	211.7680, -15.1686, -34.8765
Hunter-Lab	85.5897, -33.1417, 21.8766

Details

The RGB color **172, 238, 181** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **238, 172, 229**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **229, 255, 237**, and **118, 182, 128** is the 20% darker color. If you saturate the color by 10%, you get **148, 238, 160**, and if you desaturate by 10%, it is **196, 238, 202**.

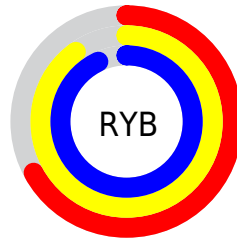
Distribution



Red (67%)

Green (93%)

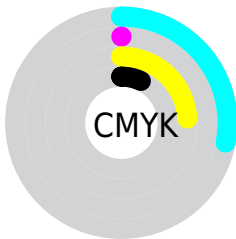
Blue (71%)



Red (67%)

Yellow (90%)

Blue (93%)

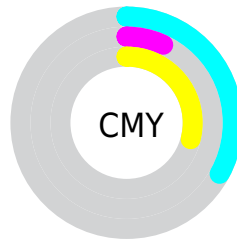


Cyan (28%)

Magenta (0%)

Yellow (24%)

Black (7%)



Cyan (33%)

Magenta (7%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 238, 181 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, 238, 181 by changing the saturation by 10% instead.

 172, 238, 181


255, 255, 255

 229, 255, 237


 172, 238, 181

 145, 210, 154

 118, 182, 128

 92, 155, 103

 66, 128, 78

 40, 103, 55

 9, 78, 33

 0, 55, 11

 0, 35, 0

 0, 0, 0

 172, 238, 181

 172, 238, 181

 148, 238, 160

 196, 238, 202

 124, 238, 140

 220, 238, 222

 101, 238, 119

 243, 238, 243

 77, 238, 99

 255, 238, 255

 53, 238, 78

 29, 238, 58

 5, 238, 37

 0, 238, 32

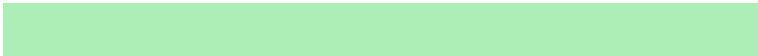
Harmonies

Analogous

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



214, 230, 156



172, 238, 181



130, 242, 216

Triad

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



172, 238, 181



167, 227, 255



255, 197, 192

Complementary

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



172, 238, 181



238, 172, 229

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, 228



172, 238, 181



221, 215, 255

Square

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



172, 238, 181



118, 237, 255



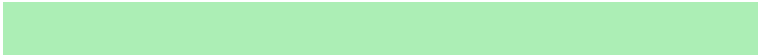
255, 202, 255



255, 206, 163

Rectangle

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



172, 238, 181



108, 242, 242



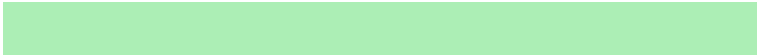
255, 202, 255



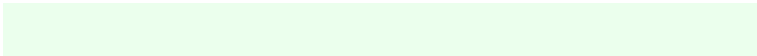
255, 196, 204

Sweetspot

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



172, 238, 181



235, 255, 237



229, 238, 172



115, 128, 116



0, 0, 0



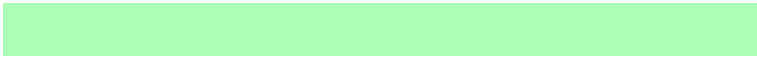
128, 128, 128

Same Dimension

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



172, 238, 181



171, 255, 182



172, 238, 214



108, 120, 109



0, 184, 25



0, 56, 8

Inverse Universe

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



238, 172, 229



255, 171, 244



238, 172, 196



120, 108, 118



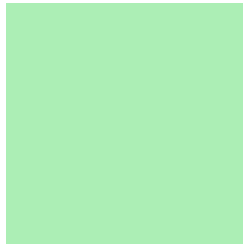
184, 0, 159



56, 0, 48

Previews

White Background



This preview shows how the RGB color 172, 238, 181 looks on a white background.

Color Contrast Check

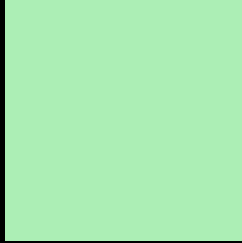
Large Text (above 18pt) WCAG AA × Fail

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, 238, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

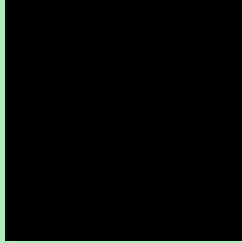
Any Text WCAG AA ✓ Pass

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, 238, 181 Background



This preview shows how black text looks on a background with the RGB color 172, 238, 181.

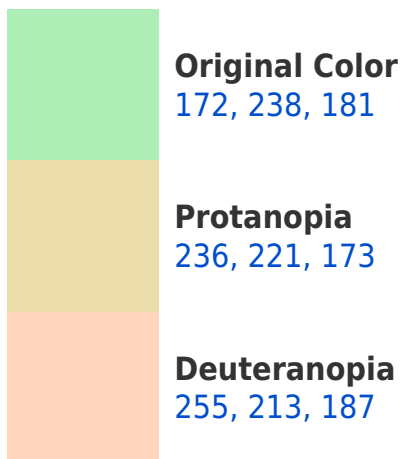


This preview shows how white text looks on a background with the RGB color 172, 238, 181.

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





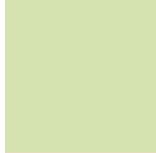
Tritanopia
184, 229, 247

Trichromacy



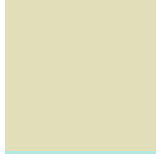
Original Color

172, 238, 181



Protanomaly

213, 227, 176



Deuteranomaly

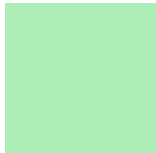
225, 222, 185



Tritanomaly

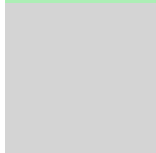
180, 232, 223

Monochromacy



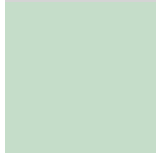
Original Color

172, 238, 181



Achromatopsia

212, 212, 212



Achromatomaly

197, 221, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 238, 181 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, 238, 181)` looks like.

```
.text, #text, p{  
    color:rgb(172, 238, 181)  
}
```

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, 238, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 238, 181) }
```

Border

The CSS property to change the border of an element to RGB 172, 238, 181 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, 238, 181) }
```

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

```
.border{ border-color:rgb(172, 238, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 238, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 238, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 238, 181); box-shadow:4px 4px 4px 4px rgb(172, 238, 181) }
```

Background

The CSS property to change the background color of an element to RGB 172, 238, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 238, 181) }
```

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

```
.background{ background-color: rgb(172,  
238, 181) }
```

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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