

Converting Colors

RGB(172, 238, 193)

Have a look what the booklet for
RGB(172, 238, 193) contains.

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Color

RGB(172, 238, 193)

Conversions

Conversions Part 1

Format	Color
Hex	ACEEC1
RGB	172, 238, 193
RGB Percent	67%, 93%, 76%
CMY	0.3255, 0.0667, 0.2431
CMYK	0.28, 0.00, 0.19, 0.07
HSL	139°, 66%, 80%
HSV	139°, 28%, 93%
XYZ	57.2134, 73.7700, 61.6756
YIQ	213.1360, -24.8910, -27.9870

Conversions

Conversions Part 2

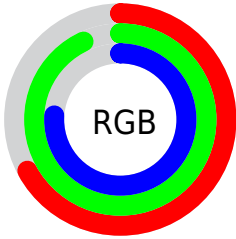
Format	Color
RYB	172, 222, 238
Decimal	11333313
CIELab	88.81, -29.61, 15.23
CIELCh	89, 33.299, 152.778
Yxy	73.7700, 0.2970, 0.3829
Android (android.graphics.Color)	4289523393 (0xFFACEEC1)
YUV	213.1360, -9.9270, -36.0763
Hunter-Lab	85.8895, -31.4026, 17.5476

Details

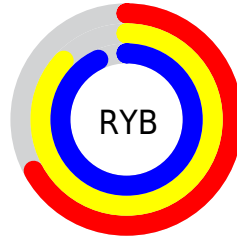
The RGB color **172, 238, 193** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **238, 172, 217**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **229, 255, 250**, and **118, 182, 139** is the 20% darker color. If you saturate the color by 10%, you get **148, 238, 177**, and if you desaturate by 10%, it is **196, 238, 209**.

Distribution



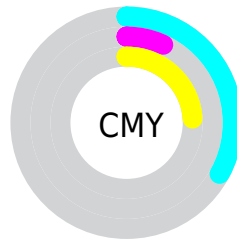
- Red (67%)
- Green (93%)
- Blue (76%)



- Red (67%)
- Yellow (87%)
- Blue (93%)



- Cyan (28%)
- Magenta (0%)
- Yellow (19%)
- Black (7%)



- Cyan (33%)
- Magenta (7%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 238, 193 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, 193 by changing the saturation by 10% instead.

 172, 238, 193


255, 255, 255

 229, 255, 250

 172, 238, 193


 145, 210, 166

 118, 182, 139

 92, 155, 114

 66, 128, 89

 40, 103, 66

 10, 79, 43

 0, 55, 22

 0, 34, 0

 0, 0, 0

 172, 238, 193


 172, 238, 193

 148, 238, 177

 196, 238, 209

 124, 238, 161

 220, 238, 225

 101, 238, 144

 243, 238, 242

 77, 238, 128

 255, 238, 255

 53, 238, 112

 29, 238, 96

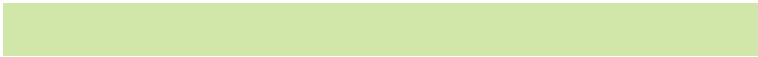
 5, 238, 79

 0, 238, 76

Harmonies

Analogous

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



209, 231, 169



172, 238, 193



140, 241, 225

Triad

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



172, 238, 193



187, 225, 255



255, 203, 190

Complementary

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



172, 238, 193



238, 172, 217

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, 221



172, 238, 193



232, 214, 255

Square

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



172, 238, 193



145, 234, 255



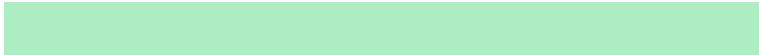
255, 204, 253



255, 211, 167

Rectangle

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



172, 238, 193



127, 240, 246



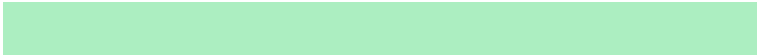
255, 204, 253



255, 201, 200

Sweetspot

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



172, 238, 193



235, 255, 241



217, 238, 172



115, 128, 119



0, 0, 0



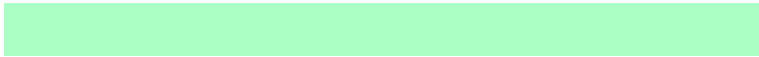
128, 128, 128

Same Dimension

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



172, 238, 193



171, 255, 198



172, 238, 226



108, 120, 112



0, 184, 58



0, 56, 18

Inverse Universe

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



238, 172, 217



255, 171, 228



238, 172, 184



120, 108, 116



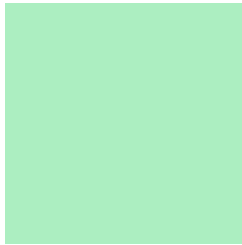
184, 0, 125



56, 0, 38

Previews

White Background



This preview shows how the RGB color 172, 238, 193 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, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

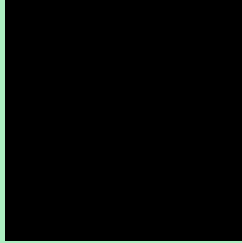
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

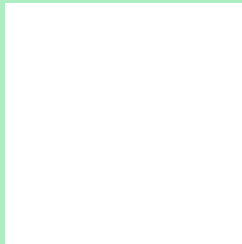
Any Text WCAG AAA ✓ Pass

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

RGB 172, 238, 193 Background



This preview shows how black text looks on a background with the RGB color 172, 238, 193.

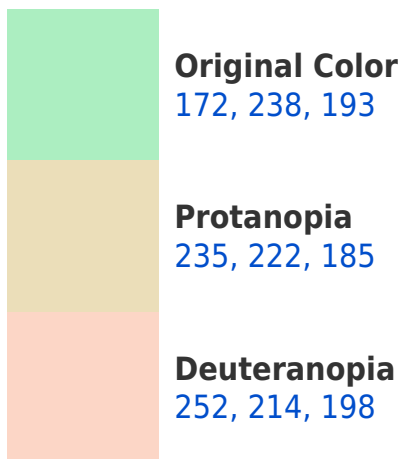


This preview shows how white text looks on a background with the RGB color 172, 238, 193.

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





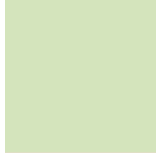
Tritanopia
183, 230, 249

Trichromacy



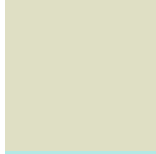
Original Color

172, 238, 193



Protanomaly

212, 228, 188



Deuteranomaly

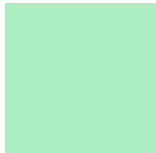
223, 223, 196



Tritanomaly

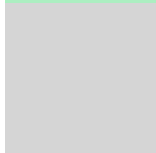
179, 233, 229

Monochromacy



Original Color

172, 238, 193



Achromatopsia

213, 213, 213



Achromatomaly

198, 222, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 238, 193 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(172, 238, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 238, 193) }
```

Border

The CSS property to change the border of an element to RGB 172, 238, 193 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, 193) }
```

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

```
.border{ border-color:rgb(172, 238, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 238, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 238, 193); box-shadow:4px 4px 4px 4px rgb(172, 238, 193) }
```

Background

The CSS property to change the background color of an element to RGB 172, 238, 193 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, 193) }
```

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

```
.background{ background-color: rgb(172,  
238, 193) }
```

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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