

Converting Colors

RGB(175, 238, 201)

Have a look what the booklet for
RGB(175, 238, 201) contains.

RGB(175, 238, 201)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(175, 238, 201)

Conversions

Conversions Part 1

Format	Color
Hex	AFEEC9
RGB	175, 238, 201
RGB Percent	69%, 93%, 79%
CMY	0.3137, 0.0667, 0.2118
CMYK	0.26, 0.00, 0.16, 0.07
HSL	145°, 65%, 81%
HSV	145°, 26%, 93%
XYZ	58.7963, 74.4801, 66.5355
YIQ	214.9450, -25.6710, -24.8630

Conversions

Conversions Part 2

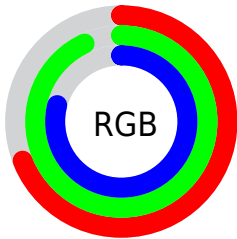
Format	Color
RYB	175, 220, 238
Decimal	11529929
CIELab	89.15, -27.20, 11.57
CIELCh	89, 29.557, 156.949
Yxy	74.4801, 0.2943, 0.3728
Android (android.graphics.Color)	4289720009 (0xFFAFEEC9)
YUV	214.9450, -6.8749, -35.0318
Hunter-Lab	86.3018, -29.4184, 14.7009

Details

The RGB color **175, 238, 201** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **238, 175, 212**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **232, 255, 255**, and **121, 182, 147** is the 20% darker color. If you saturate the color by 10%, you get **151, 238, 187**, and if you desaturate by 10%, it is **199, 238, 215**.

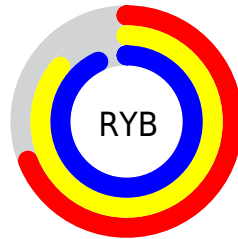
Distribution



Red (69%)

Green (93%)

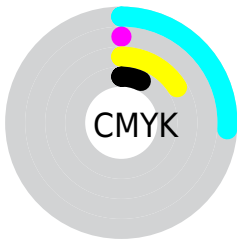
Blue (79%)



Red (69%)

Yellow (86%)

Blue (93%)

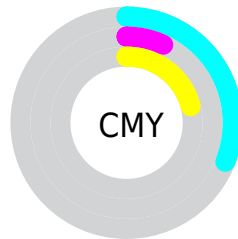


Cyan (26%)

Magenta (0%)

Yellow (16%)

Black (7%)



Cyan (31%)

Magenta (7%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 238, 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 175, 238, 201 by changing the saturation by 10% instead.


 175, 238, 201


255, 255, 255

 232, 255, 255

 175, 238, 201

 148, 210, 174

 121, 182, 147

 95, 155, 121

 69, 129, 96

 44, 103, 73

 16, 79, 50

 0, 55, 29

 0, 34, 4

 0, 0, 0

■ 175, 238, 201

■ 175, 238, 201

■ 151, 238, 187

■ 199, 238, 215

■ 127, 238, 173

■ 223, 238, 229

■ 104, 238, 159

■ 246, 238, 243

■ 80, 238, 145

■ 255, 238, 255

■ 56, 238, 131

■ 32, 238, 117

■ 8, 238, 103

■ 0, 238, 98

Harmonies

Analogous

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



207, 232, 178



175, 238, 201



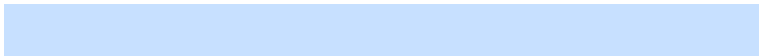
150, 240, 230

Triad

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



175, 238, 201



199, 224, 255



255, 207, 191

Complementary

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



175, 238, 201



238, 175, 212

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, 204, 218



175, 238, 201



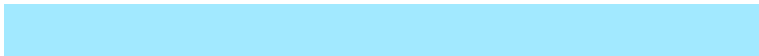
237, 214, 255

Square

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



175, 238, 201



162, 233, 255



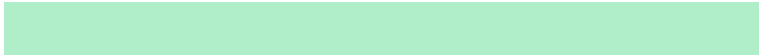
255, 207, 247



255, 215, 173

Rectangle

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



175, 238, 201



142, 239, 248



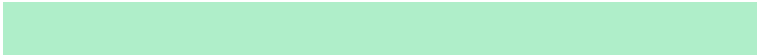
255, 207, 247



255, 205, 200

Sweetspot

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



175, 238, 201



235, 255, 243



213, 238, 175



115, 128, 120



0, 0, 0



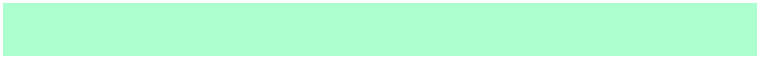
128, 128, 128

Same Dimension

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



175, 238, 201



173, 255, 207



175, 238, 232



108, 120, 113



0, 184, 76



0, 56, 23

Inverse Universe

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



238, 175, 212



255, 173, 221



238, 175, 181



120, 108, 115



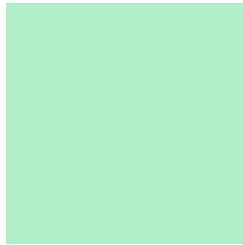
184, 0, 108



56, 0, 33

Previews

White Background



This preview shows how the RGB color 175, 238, 201 looks on a white background.

Color Contrast Check

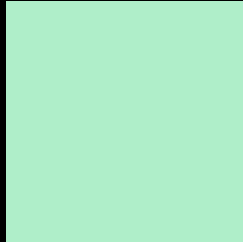
Large Text (above 18pt) WCAG AA × Fail

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 175, 238, 201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

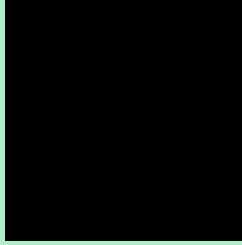
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

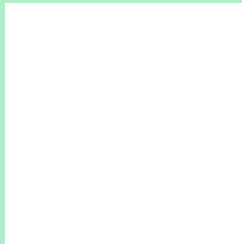
Any Text WCAG AAA ✓ Pass

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

RGB 175, 238, 201 Background



This preview shows how black text looks on a background with the RGB color 175, 238, 201.

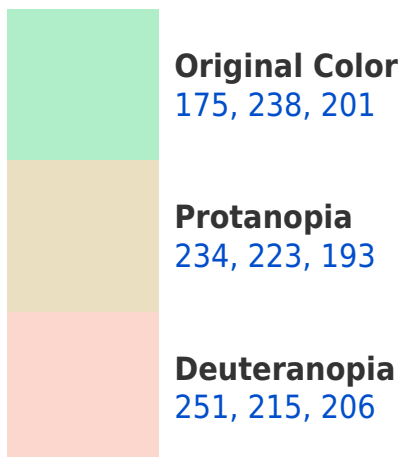


This preview shows how white text looks on a background with the RGB color 175, 238, 201.

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





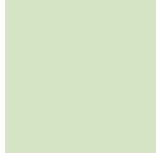
Tritanopia
184, 231, 250

Trichromacy



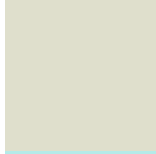
Original Color

175, 238, 201



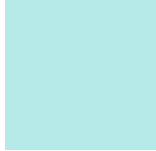
Protanomaly

213, 228, 196



Deuteranomaly

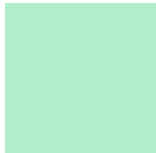
223, 223, 204



Tritanomaly

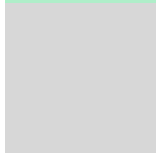
181, 234, 232

Monochromacy



Original Color

175, 238, 201



Achromatopsia

215, 215, 215



Achromatomaly

200, 223, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 238, 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(175, 238, 201)` looks like.

```
.text, #text, p{  
    color:rgb(175, 238, 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(175, 238, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 238, 201) }
```

Border

The CSS property to change the border of an element to RGB 175, 238, 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(175, 238, 201) }
```

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

```
.border{ border-color:rgb(175, 238, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 238, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 238, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 238, 201);  
box-shadow:4px 4px 4px 4px rgb(175, 238,  
201) }
```

Background

The CSS property to change the background color of an element to RGB 175, 238, 201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 238, 201) }
```

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

```
.background{ background-color: rgb(175,  
238, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor