

Converting Colors

RGB(175, 238, 186)

Have a look what the booklet for
RGB(175, 238, 186) contains.

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Color

RGB(175, 238, 186)

Conversions

Conversions Part 1

Format	Color
Hex	AFEEDA
RGB	175, 238, 186
RGB Percent	69%, 93%, 73%
CMY	0.3137, 0.0667, 0.2706
CMYK	0.26, 0.00, 0.22, 0.07
HSL	130°, 65%, 81%
HSV	130°, 26%, 93%
XYZ	57.1167, 73.8082, 57.6904
YIQ	213.2350, -20.8560, -29.5280

Conversions

Conversions Part 2

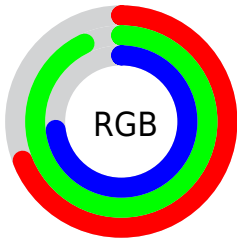
Format	Color
RYB	175, 229, 238
Decimal	11529914
CIELab	88.83, -29.93, 18.91
CIELCh	89, 35.399, 147.716
Yxy	73.8082, 0.3028, 0.3913
Android (android.graphics.Color)	4289719994 (0xFFAFEEDA)
YUV	213.2350, -13.4269, -33.5321
Hunter-Lab	85.9117, -31.6734, 20.3245

Details

The RGB color **175, 238, 186** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **238, 175, 227**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **232, 255, 242**, and **121, 182, 133** is the 20% darker color. If you saturate the color by 10%, you get **151, 238, 166**, and if you desaturate by 10%, it is **199, 238, 206**.

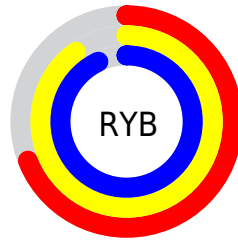
Distribution



Red (69%)

Green (93%)

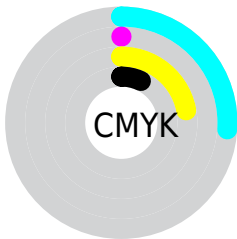
Blue (73%)



Red (69%)

Yellow (90%)

Blue (93%)

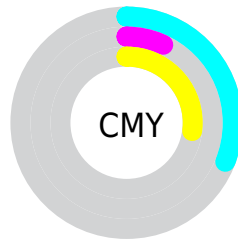


Cyan (26%)

Magenta (0%)

Yellow (22%)

Black (7%)



Cyan (31%)

Magenta (7%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 238, 186 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, 186 by changing the saturation by 10% instead.


 175, 238, 186


255, 255, 255

 232, 255, 242


 175, 238, 186

 148, 210, 159

 121, 182, 133

 95, 155, 107

 69, 128, 83

 44, 103, 59

 16, 79, 37


 0, 55, 16

 0, 35, 0

 0, 0, 0

 175, 238, 186

 175, 238, 186

 151, 238, 166

 199, 238, 206

 127, 238, 147

 223, 238, 225

 104, 238, 127

 246, 238, 245

 80, 238, 107

 255, 238, 255

 56, 238, 88

 32, 238, 68

 8, 238, 48

 0, 238, 42

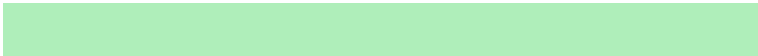
Harmonies

Analogous

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



214, 231, 163



175, 238, 186



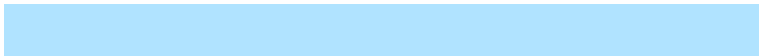
138, 242, 219

Triad

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



175, 238, 186



176, 227, 255



255, 200, 193

Complementary

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



175, 238, 186



238, 175, 227

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, 198, 227



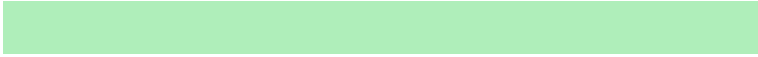
175, 238, 186



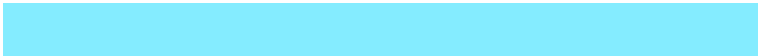
224, 215, 255

Square

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



175, 238, 186



132, 236, 255



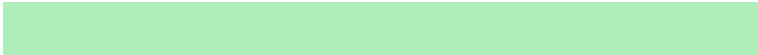
255, 204, 255



255, 209, 167

Rectangle

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



175, 238, 186



121, 242, 242



255, 204, 255



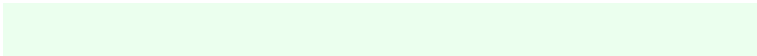
255, 199, 204

Sweetspot

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



175, 238, 186



235, 255, 238



227, 238, 175



115, 128, 117



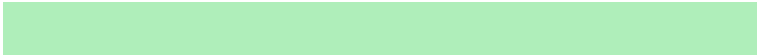
0, 0, 0



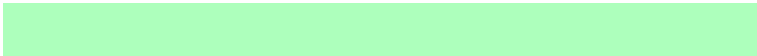
128, 128, 128

Same Dimension

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



175, 238, 186



173, 255, 188



175, 238, 217



108, 120, 110



0, 184, 32



0, 56, 10

Inverse Universe

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



238, 175, 227



255, 173, 241



238, 175, 196



120, 108, 118



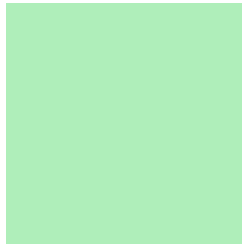
184, 0, 152



56, 0, 46

Previews

White Background



This preview shows how the RGB color 175, 238, 186 looks on a white background.

Color Contrast Check

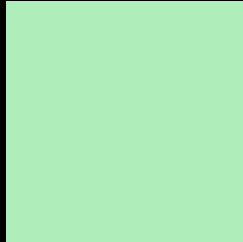
Large Text (above 18pt) WCAG AA × Fail

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, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

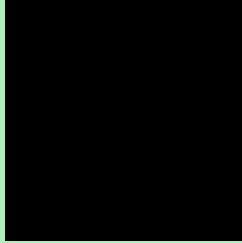
Any Text WCAG AA ✓ Pass

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, 186 Background



This preview shows how black text looks on a background with the RGB color 175, 238, 186.



This preview shows how white text looks on a background with the RGB color 175, 238, 186.

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





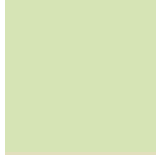
Tritanopia
186, 230, 248

Trichromacy



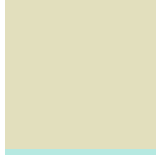
Original Color

175, 238, 186



Protanomaly

214, 228, 181



Deuteranomaly

226, 223, 189



Tritanomaly

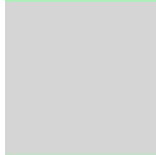
182, 233, 225

Monochromacy



Original Color

175, 238, 186



Achromatopsia

213, 213, 213



Achromatomaly

199, 222, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 238, 186 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(175, 238, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 238, 186) }
```

Border

The CSS property to change the border of an element to RGB 175, 238, 186 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, 186) }
```

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

```
.border{ border-color:rgb(175, 238, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 238, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 238, 186); box-shadow:4px 4px 4px 4px rgb(175, 238, 186) }
```

Background

The CSS property to change the background color of an element to RGB 175, 238, 186 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, 186) }
```

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

```
.background{ background-color: rgb(175,  
238, 186) }
```

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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