

Converting Colors

RGB(173, 238, 199)

Have a look what the booklet for
RGB(173, 238, 199) contains.

RGB(173, 238, 199)	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(173, 238, 199)

Conversions

Conversions Part 1

Format	Color
Hex	ADEEC7
RGB	173, 238, 199
RGB Percent	68%, 93%, 78%
CMY	0.3216, 0.0667, 0.2196
CMYK	0.27, 0.00, 0.16, 0.07
HSL	144°, 66%, 81%
HSV	144°, 27%, 93%
XYZ	58.1169, 74.1568, 65.2834
YIQ	214.1190, -26.2210, -25.9090

Conversions

Conversions Part 2

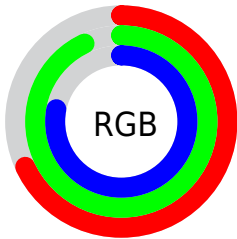
Format	Color
RYB	173, 219, 238
Decimal	11398855
CIELab	89.00, -28.19, 12.38
CIElCh	89, 30.788, 156.286
Yxy	74.1568, 0.2942, 0.3754
Android (android.graphics.Color)	4289588935 (0xFFADEEC7)
YUV	214.1190, -7.4537, -36.0614
Hunter-Lab	86.1144, -30.2339, 15.3322

Details

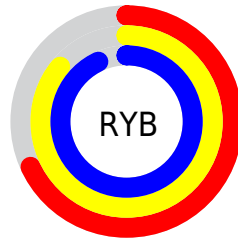
The RGB color **173, 238, 199** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **238, 173, 212**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **230, 255, 255**, and **119, 182, 145** is the 20% darker color. If you saturate the color by 10%, you get **149, 238, 185**, and if you desaturate by 10%, it is **197, 238, 213**.

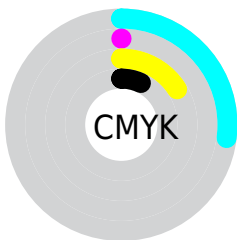
Distribution



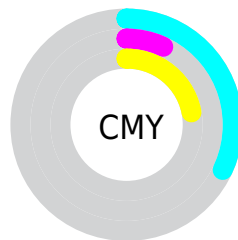
- Red (68%)
- Green (93%)
- Blue (78%)



- Red (68%)
- Yellow (86%)
- Blue (93%)



- Cyan (27%)
- Magenta (0%)
- Yellow (16%)
- Black (7%)



- Cyan (32%)
- Magenta (7%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 173, 238, 199 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 173, 238, 199 by changing the saturation by 10% instead.


 173, 238, 199


255, 255, 255


 230, 255, 255

 173, 238, 199

 146, 210, 172

 119, 182, 145

 93, 155, 119

 67, 129, 95

 42, 103, 71

 12, 79, 48

 0, 55, 27

 0, 34, 1

 0, 0, 0


 173, 238, 199

 173, 238, 199

 149, 238, 185

 197, 238, 213

 125, 238, 170

 221, 238, 228

 102, 238, 156

 244, 238, 242

 78, 238, 142

 255, 238, 255

 54, 238, 128

 30, 238, 113

 6, 238, 99

 0, 238, 95

Harmonies

Analogous

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



206, 232, 176



173, 238, 199



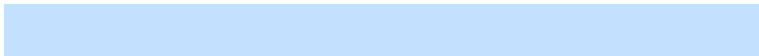
146, 240, 229

Triad

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



173, 238, 199



196, 224, 255



255, 206, 190

Complementary

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



173, 238, 199



238, 173, 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, 202, 218



173, 238, 199



236, 214, 255

Square

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



173, 238, 199



158, 233, 255



255, 205, 248



255, 214, 171

Rectangle

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



173, 238, 199



137, 240, 248



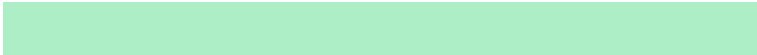
255, 205, 248



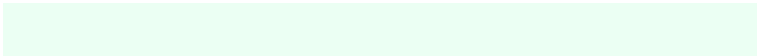
255, 204, 199

Sweetspot

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



173, 238, 199



235, 255, 243



212, 238, 173



115, 128, 120



0, 0, 0



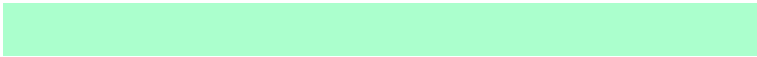
128, 128, 128

Same Dimension

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



173, 238, 199



171, 255, 205



173, 238, 231



108, 120, 113



0, 184, 73



0, 56, 22

Inverse Universe

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



238, 173, 212



255, 171, 221



238, 173, 180



120, 108, 115



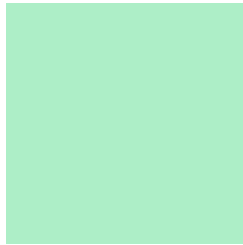
184, 0, 110



56, 0, 34

Previews

White Background



This preview shows how the RGB color 173, 238, 199 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 173, 238, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

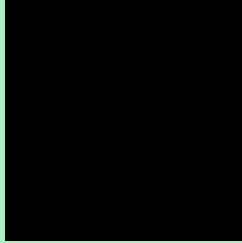
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

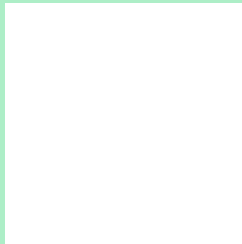
Any Text WCAG AAA ✓ Pass

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

RGB 173, 238, 199 Background



This preview shows how black text looks on a background with the RGB color 173, 238, 199.

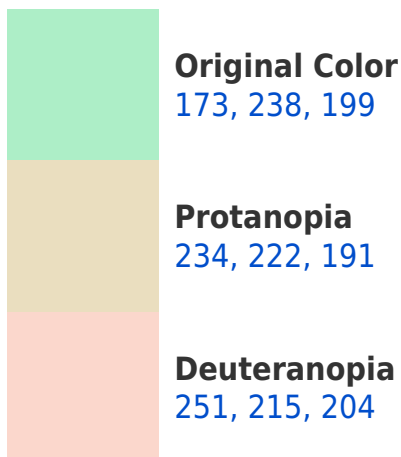


This preview shows how white text looks on a background with the RGB color 173, 238, 199.

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





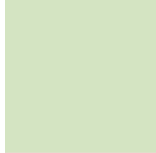
Tritanopia
183, 231, 249

Trichromacy



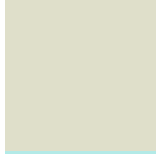
Original Color

173, 238, 199



Protanomaly

212, 228, 194



Deuteranomaly

223, 223, 202



Tritanomaly

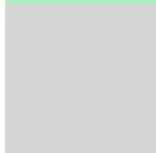
179, 234, 231

Monochromacy



Original Color

173, 238, 199



Achromatopsia

214, 214, 214



Achromatomaly

199, 223, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 173, 238, 199 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(173, 238, 199)` looks like.

```
.text, #text, p{  
    color:rgb(173, 238, 199)  
}
```

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(173, 238, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 238, 199) }
```

Border

The CSS property to change the border of an element to RGB 173, 238, 199 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(173, 238, 199) }
```

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

```
.border{ border-color:rgb(173, 238, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 238, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 238, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 238, 199);  
box-shadow:4px 4px 4px 4px rgb(173, 238,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 173, 238, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 238, 199) }
```

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

```
.background{ background-color: rgb(173,  
238, 199) }
```

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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