

Converting Colors

RGB(179, 229, 213)

Have a look what the booklet for
RGB(179, 229, 213) contains.

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Color

RGB(179, 229, 213)

Conversions

Conversions Part 1

Format	Color
Hex	B3E5D5
RGB	179, 229, 213
RGB Percent	70%, 90%, 84%
CMY	0.2980, 0.1020, 0.1647
CMYK	0.22, 0.00, 0.07, 0.10
HSL	161°, 49%, 80%
HSV	161°, 22%, 90%
XYZ	58.6200, 70.4264, 73.4548
YIQ	212.2260, -24.6640, -15.5760

Conversions

Conversions Part 2

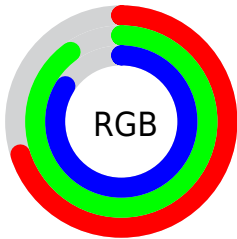
Format	Color
RYB	179, 209, 229
Decimal	11789781
CIELab	87.21, -19.25, 2.53
CIElCh	87, 19.414, 172.505
Yxy	70.4264, 0.2895, 0.3478
Android (android.graphics.Color)	4289979861 (0xFFB3E5D5)
YUV	212.2260, 0.3816, -29.1392
Hunter-Lab	83.9205, -22.1753, 6.8483

Details

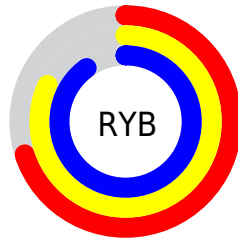
The RGB color **179, 229, 213** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **229, 179, 195**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **235, 255, 255**, and **125, 173, 158** is the 20% darker color. If you saturate the color by 10%, you get **156, 229, 206**, and if you desaturate by 10%, it is **202, 229, 220**.

Distribution



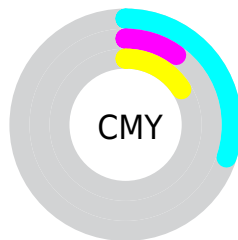
- Red (70%)
- Green (90%)
- Blue (84%)



- Red (70%)
- Yellow (82%)
- Blue (90%)



- Cyan (22%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (30%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 179, 229, 213 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 179, 229, 213 by changing the saturation by 10% instead.

 179, 229, 213


255, 255, 255


 235, 255, 255

 179, 229, 213


 152, 201, 185

 125, 173, 158

 100, 147, 132

 75, 121, 107

 50, 96, 83

 25, 72, 60

 0, 49, 38

 0, 29, 18

 0, 0, 0

 179, 229, 213

 179, 229, 213

 156, 229, 206

 202, 229, 220

 133, 229, 198

 225, 229, 228

 110, 229, 191

 248, 229, 235

 87, 229, 184

 255, 229, 242

 64, 229, 176

 255, 229, 250

 42, 229, 169

 255, 229, 255

 19, 229, 162

 0, 229, 156

Harmonies

Analogous

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



197, 226, 196



179, 229, 213



170, 229, 232

Triad

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



179, 229, 213



216, 215, 252



252, 210, 190

Complementary

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



179, 229, 213



229, 179, 195

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, 206, 205



179, 229, 213



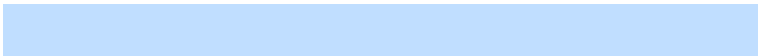
238, 210, 241

Square

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



179, 229, 213



192, 222, 255



253, 206, 224



238, 216, 182

Rectangle

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



179, 229, 213



172, 228, 243



253, 206, 224



255, 208, 194

Sweetspot

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



179, 229, 213



237, 255, 249



196, 229, 179



117, 128, 124



0, 0, 0



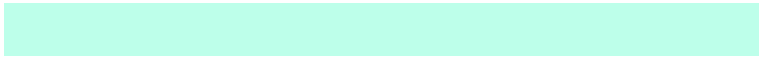
128, 128, 128

Same Dimension

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



179, 229, 213



189, 255, 234



179, 221, 229



103, 115, 111



0, 179, 121



0, 51, 35

Inverse Universe

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



229, 179, 195



255, 189, 210



229, 187, 179



115, 103, 107



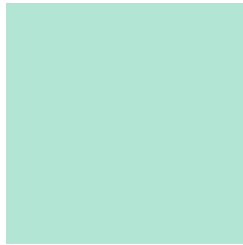
179, 0, 57



51, 0, 16

Previews

White Background



This preview shows how the RGB color 179, 229, 213 looks on a white background.

Color Contrast Check

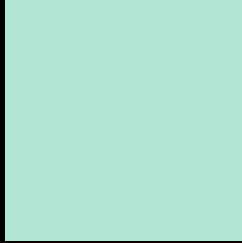
Large Text (above 18pt) WCAG AA × Fail

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 179, 229, 213 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

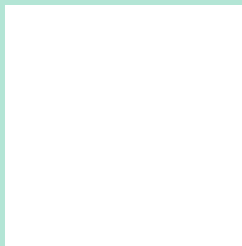
Any Text WCAG AAA ✓ Pass

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

RGB 179, 229, 213 Background



This preview shows how black text looks on a background with the RGB color 179, 229, 213.



This preview shows how white text looks on a background with the RGB color 179, 229, 213.

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





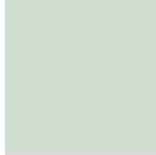
Tritanopia
185, 225, 243

Trichromacy



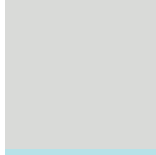
Original Color

179, 229, 213



Protanomaly

208, 221, 209



Deuteranomaly

217, 218, 216



Tritanomaly

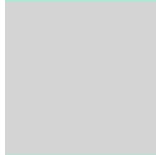
183, 226, 232

Monochromacy



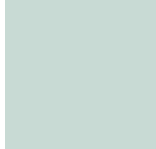
Original Color

179, 229, 213



Achromatopsia

212, 212, 212



Achromatomaly

200, 218, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 179, 229, 213 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(179, 229, 213)` looks like.

```
.text, #text, p{  
    color:rgb(179, 229, 213)  
}
```

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(179, 229, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 229, 213) }
```

Border

The CSS property to change the border of an element to RGB 179, 229, 213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

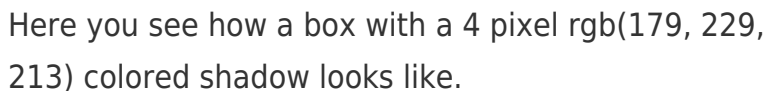
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 229, 213) }
```

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

```
.border{ border-color:rgb(179, 229, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 229, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 229, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 229, 213); box-shadow:4px 4px 4px 4px rgb(179, 229, 213) }
```

Background

The CSS property to change the background color of an element to RGB 179, 229, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 229, 213) }
```

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

```
.background{ background-color: rgb(179,  
229, 213) }
```

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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