

Converting Colors

RGB(179, 229, 193)

Have a look what the booklet for
RGB(179, 229, 193) contains.

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Color

RGB(179, 229, 193)

Conversions

Conversions Part 1

Format	Color
Hex	B3E5C1
RGB	179, 229, 193
RGB Percent	70%, 90%, 76%
CMY	0.2980, 0.1020, 0.2431
CMYK	0.22, 0.00, 0.16, 0.10
HSL	137°, 49%, 80%
HSV	137°, 22%, 90%
XYZ	56.2354, 69.4726, 60.8977
YIQ	209.9460, -18.2440, -21.7960

Conversions

Conversions Part 2

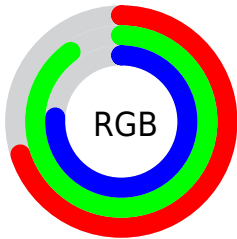
Format	Color
RYB	179, 218, 229
Decimal	11789761
CIELab	86.74, -23.08, 12.35
CIELCh	87, 26.178, 151.847
Yxy	69.4726, 0.3014, 0.3723
Android (android.graphics.Color)	4289979841 (0xFFB3E5C1)
YUV	209.9460, -8.3544, -27.1396
Hunter-Lab	83.3502, -25.4311, 15.0264

Details

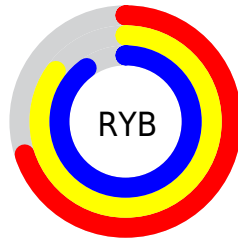
The RGB color **179, 229, 193** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **229, 179, 215**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **235, 255, 249**, and **125, 173, 139** is the 20% darker color. If you saturate the color by 10%, you get **156, 229, 177**, and if you desaturate by 10%, it is **202, 229, 209**.

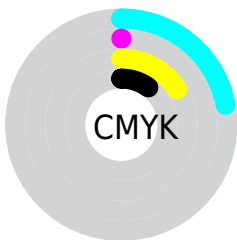
Distribution



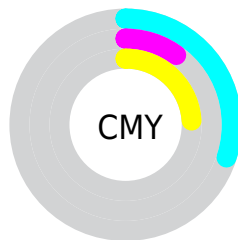
- Red (70%)
- Green (90%)
- Blue (76%)



- Red (70%)
- Yellow (85%)
- Blue (90%)



- Cyan (22%)
- Magenta (0%)
- Yellow (16%)
- Black (10%)



- Cyan (30%)
- Magenta (10%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 179, 229, 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 179, 229, 193 by changing the saturation by 10% instead.

 179, 229, 193


255, 255, 255

 235, 255, 249


 179, 229, 193

 152, 201, 166

 125, 173, 139

 100, 147, 114

 75, 121, 89

 51, 96, 66

 26, 72, 44

 0, 49, 23

 0, 29, 0

 0, 0, 0

 179, 229, 193

 179, 229, 193

 156, 229, 177

 202, 229, 209

 133, 229, 160


 225, 229, 226

 110, 229, 144

 248, 229, 242

 87, 229, 127

 255, 229, 255

 64, 229, 111

 42, 229, 94

 19, 229, 78

 0, 229, 64

Harmonies

Analogous

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



207, 224, 175



179, 229, 193



156, 231, 218

Triad

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



179, 229, 193



190, 219, 255



255, 201, 192

Complementary

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



179, 229, 193



229, 179, 215

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, 199, 216



179, 229, 193



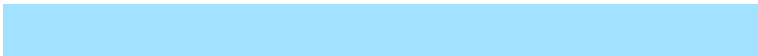
223, 210, 255

Square

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



179, 229, 193



160, 226, 255



251, 203, 241



255, 208, 174

Rectangle

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



179, 229, 193



148, 231, 235



251, 203, 241



255, 200, 200

Sweetspot

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



179, 229, 193



237, 255, 242



216, 229, 179



117, 128, 120



0, 0, 0



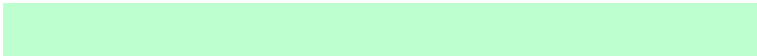
128, 128, 128

Same Dimension

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



179, 229, 193



189, 255, 207



179, 229, 217



103, 115, 106



0, 179, 50



0, 51, 14

Inverse Universe

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



229, 179, 215



255, 189, 236



229, 179, 191



115, 103, 112



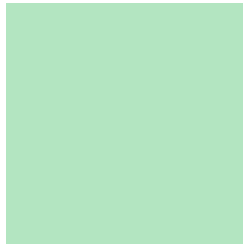
179, 0, 129



51, 0, 37

Previews

White Background



This preview shows how the RGB color 179, 229, 193 looks on a white background.

Color Contrast Check

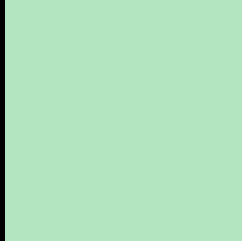
Large Text (above 18pt) WCAG AA × Fail

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 179, 229, 193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

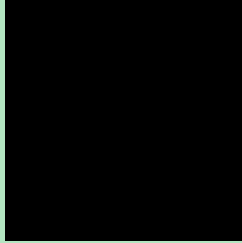
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

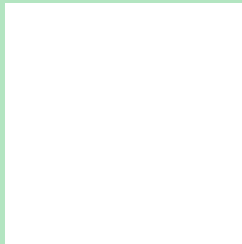
Any Text WCAG AAA ✓ Pass

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

RGB 179, 229, 193 Background



This preview shows how black text looks on a background with the RGB color 179, 229, 193.

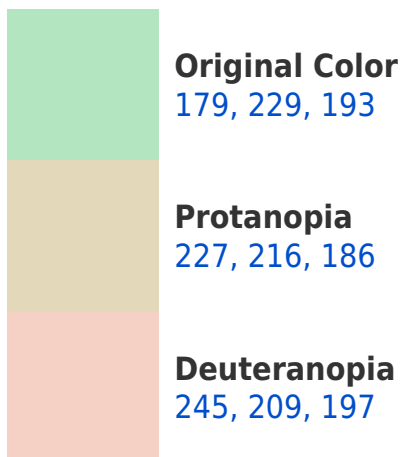


This preview shows how white text looks on a background with the RGB color 179, 229, 193.

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





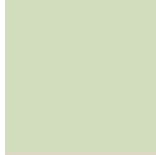
Tritanopia
188, 222, 240

Trichromacy



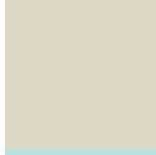
Original Color

179, 229, 193



Protanomaly

210, 221, 189



Deuteranomaly

221, 216, 196



Tritanomaly

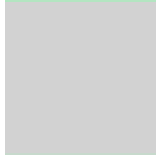
185, 225, 223

Monochromacy



Original Color

179, 229, 193



Achromatopsia

210, 210, 210



Achromatomaly

199, 217, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 179, 229, 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(179, 229, 193)` looks like.

```
.text, #text, p{  
    color:rgb(179, 229, 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(179, 229, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 229, 193) }
```

Border

The CSS property to change the border of an element to RGB 179, 229, 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(179, 229, 193) }
```

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

```
.border{ border-color:rgb(179, 229, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 229, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 229, 193);  
box-shadow:4px 4px 4px 4px rgb(179, 229,  
193) }
```

Background

The CSS property to change the background color of an element to RGB 179, 229, 193 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, 193) }
```

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

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