

Converting Colors

RGB(181, 229, 203)

Have a look what the booklet for
RGB(181, 229, 203) contains.

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Color

RGB(181, 229, 203)

Conversions

Conversions Part 1

Format	Color
Hex	B5E5CB
RGB	181, 229, 203
RGB Percent	71%, 90%, 80%
CMY	0.2902, 0.1020, 0.2039
CMYK	0.21, 0.00, 0.11, 0.10
HSL	147°, 48%, 80%
HSV	147°, 21%, 90%
XYZ	57.8549, 70.1742, 66.9956
YIQ	211.6840, -20.2620, -18.2620

Conversions

Conversions Part 2

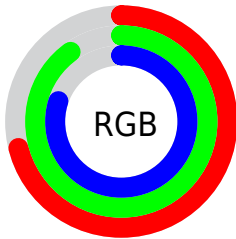
Format	Color
RYB	181, 214, 229
Decimal	11920843
CIELab	87.08, -20.58, 7.62
CIELCh	87, 21.941, 159.679
Yxy	70.1742, 0.2967, 0.3598
Android (android.graphics.Color)	4290110923 (0xFFB5E5CB)
YUV	211.6840, -4.2812, -26.9099
Hunter-Lab	83.7700, -23.3185, 11.2215

Details

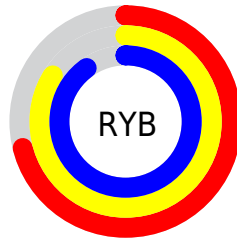
The RGB color **181, 229, 203** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **229, 181, 207**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **237, 255, 255**, and **127, 173, 149** is the 20% darker color. If you saturate the color by 10%, you get **158, 229, 191**, and if you desaturate by 10%, it is **204, 229, 215**.

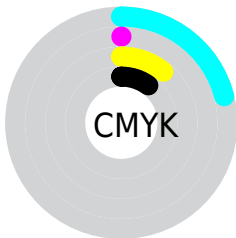
Distribution



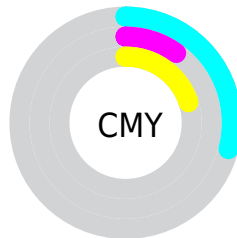
- Red (71%)
- Green (90%)
- Blue (80%)



- Red (71%)
- Yellow (84%)
- Blue (90%)



- Cyan (21%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)




- Cyan (29%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 229, 203 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 181, 229, 203 by changing the saturation by 10% instead.


 181, 229, 203


255, 255, 255


 237, 255, 255

 181, 229, 203


 154, 201, 176

 127, 173, 149

 102, 147, 123

 77, 121, 98

 53, 96, 74

 29, 72, 52

 3, 49, 31

 0, 29, 6

 0, 0, 0

 181, 229, 203

 181, 229, 203

 158, 229, 191

 204, 229, 215

 135, 229, 178

 227, 229, 228

 112, 229, 166


 250, 229, 240

 89, 229, 153

 255, 229, 253

 66, 229, 141

 255, 229, 255

 44, 229, 129

 21, 229, 116

 0, 229, 105

Harmonies

Analogous

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



204, 225, 186



181, 229, 203



165, 230, 224

Triad

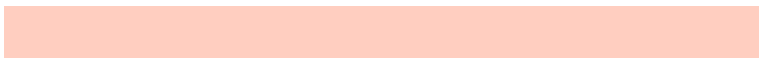
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



181, 229, 203



203, 218, 255



255, 206, 192

Complementary

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



181, 229, 203



229, 181, 207

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, 212



181, 229, 203



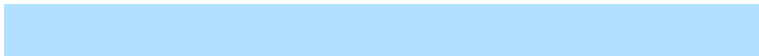
230, 211, 250

Square

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



181, 229, 203



178, 224, 255



251, 205, 233



247, 212, 180

Rectangle

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



181, 229, 203



162, 230, 238



251, 205, 233



255, 205, 198

Sweetspot

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



181, 229, 203



240, 255, 247



207, 229, 181



119, 128, 123



0, 0, 0



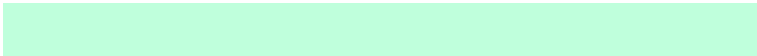
128, 128, 128

Same Dimension

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



181, 229, 203



191, 255, 220



181, 229, 227



103, 115, 109



0, 179, 82



0, 51, 23

Inverse Universe

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



229, 181, 207



255, 191, 226



229, 181, 183



115, 103, 109



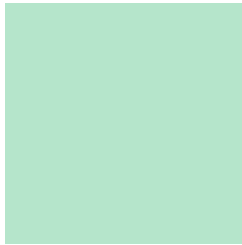
179, 0, 97



51, 0, 28

Previews

White Background



This preview shows how the RGB color 181, 229, 203 looks on a white background.

Color Contrast Check

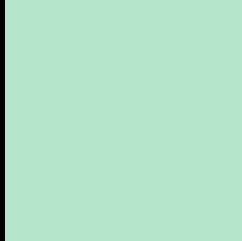
Large Text (above 18pt) WCAG AA × Fail

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 181, 229, 203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

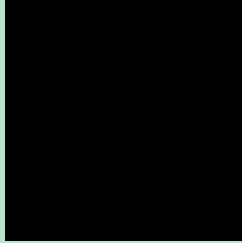
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

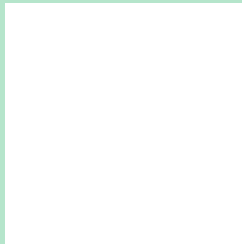
Any Text WCAG AAA ✓ Pass

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

RGB 181, 229, 203 Background



This preview shows how black text looks on a background with the RGB color 181, 229, 203.

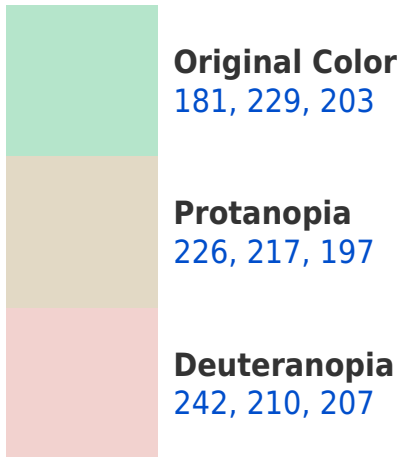


This preview shows how white text looks on a background with the RGB color 181, 229, 203.

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





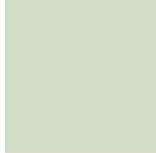
Tritanopia
188, 223, 241

Trichromacy



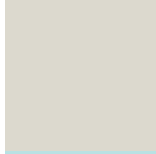
Original Color

181, 229, 203



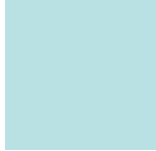
Protanomaly

210, 221, 199



Deuteranomaly

220, 217, 206



Tritanomaly

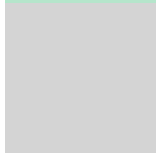
185, 225, 227

Monochromacy



Original Color

181, 229, 203



Achromatopsia

212, 212, 212



Achromatomaly

201, 218, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 229, 203 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(181, 229, 203)` looks like.

```
.text, #text, p{  
    color:rgb(181, 229, 203)  
}
```

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(181, 229, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 229, 203) }
```

Border

The CSS property to change the border of an element to RGB 181, 229, 203 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(181, 229, 203) }
```

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

```
.border{ border-color:rgb(181, 229, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 229, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 229, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 229, 203);  
box-shadow:4px 4px 4px 4px rgb(181, 229,  
203) }
```

Background

The CSS property to change the background color of an element to RGB 181, 229, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 229, 203) }
```

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

```
.background{ background-color: rgb(181,  
229, 203) }
```

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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