

Converting Colors

RGB(177, 231, 199)

Have a look what the booklet for
RGB(177, 231, 199) contains.

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Color

RGB(177, 231, 199)

Conversions

Conversions Part 1

Format	Color
Hex	B1E7C7
RGB	177, 231, 199
RGB Percent	69%, 91%, 78%
CMY	0.3059, 0.0941, 0.2196
CMYK	0.23, 0.00, 0.14, 0.09
HSL	144°, 53%, 80%
HSV	144°, 23%, 91%
XYZ	57.0162, 70.6225, 64.6593
YIQ	211.2060, -21.9120, -21.4000

Conversions

Conversions Part 2

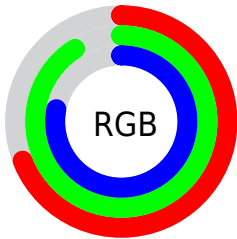
Format	Color
RYB	177, 215, 231
Decimal	11659207
CIELab	87.30, -23.58, 10.00
CIElCh	87, 25.610, 157.020
Yxy	70.6225, 0.2965, 0.3673
Android (android.graphics.Color)	4289849287 (0xFFB1E7C7)
YUV	211.2060, -6.0176, -29.9987
Hunter-Lab	84.0372, -25.9593, 13.2075

Details

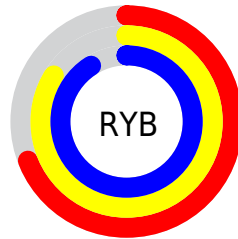
The RGB color **177, 231, 199** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **231, 177, 209**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **233, 255, 255**, and **123, 175, 145** is the 20% darker color. If you saturate the color by 10%, you get **154, 231, 185**, and if you desaturate by 10%, it is **200, 231, 213**.

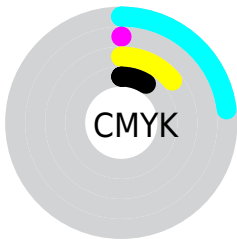
Distribution



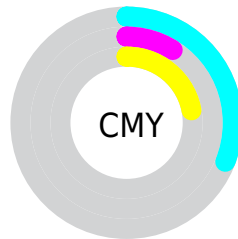
- Red (69%)
- Green (91%)
- Blue (78%)



- Red (69%)
- Yellow (84%)
- Blue (91%)



- Cyan (23%)
- Magenta (0%)
- Yellow (14%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 177, 231, 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 177, 231, 199 by changing the saturation by 10% instead.

 177, 231, 199


255, 255, 255

 233, 255, 255

 177, 231, 199

 150, 203, 172

 123, 175, 145

 98, 148, 119

 73, 122, 95

 48, 97, 71

 23, 73, 48

 0, 50, 27

 0, 31, 1

 0, 0, 0

 177, 231, 199

 177, 231, 199

 154, 231, 185

 200, 231, 213

 131, 231, 172

 223, 231, 226

 108, 231, 158

 246, 231, 240

 85, 231, 144

 255, 231, 254

 62, 231, 131

 255, 231, 255

 38, 231, 117

 15, 231, 103

 0, 231, 94

Harmonies

Analogous

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



204, 226, 179



177, 231, 199



156, 233, 224

Triad

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



177, 231, 199



198, 219, 255



255, 204, 191

Complementary

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



177, 231, 199



231, 177, 209

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, 201, 214



177, 231, 199



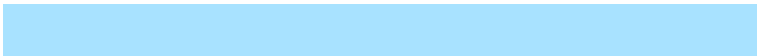
230, 211, 255

Square

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



177, 231, 199



168, 226, 255



255, 204, 238



254, 211, 175

Rectangle

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



177, 231, 199



151, 232, 240



255, 204, 238



255, 203, 198

Sweetspot

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



177, 231, 199



237, 255, 244



209, 231, 177



117, 128, 121



0, 0, 0



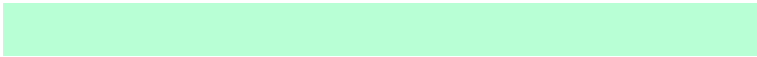
128, 128, 128

Same Dimension

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



177, 231, 199



184, 255, 213



177, 231, 226



103, 115, 108



0, 179, 73



0, 51, 21

Inverse Universe

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



231, 177, 209



255, 184, 226



231, 177, 182



115, 103, 110



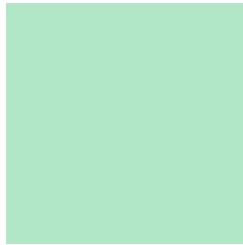
179, 0, 106



51, 0, 30

Previews

White Background



This preview shows how the RGB color 177, 231, 199 looks on a white background.

Color Contrast Check

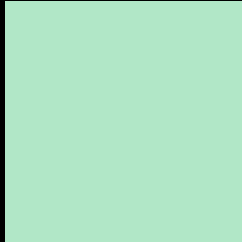
Large Text (above 18pt) WCAG AA × Fail

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 177, 231, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

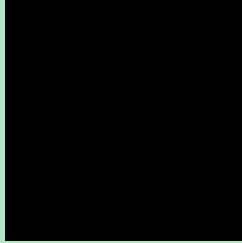
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

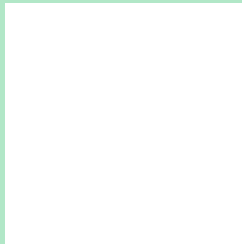
Any Text WCAG AAA ✓ Pass

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

RGB 177, 231, 199 Background



This preview shows how black text looks on a background with the RGB color 177, 231, 199.



This preview shows how white text looks on a background with the RGB color 177, 231, 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





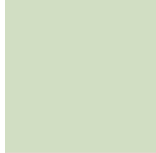
Tritanopia
185, 225, 243

Trichromacy



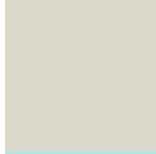
Original Color

177, 231, 199



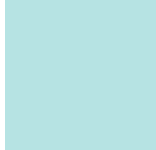
Protanomaly

209, 222, 195



Deuteranomaly

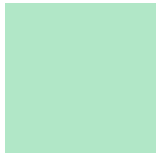
220, 218, 202



Tritanomaly

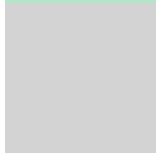
182, 227, 227

Monochromacy



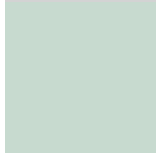
Original Color

177, 231, 199



Achromatopsia

211, 211, 211



Achromatomaly

199, 218, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 231, 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(177, 231, 199)` looks like.

```
.text, #text, p{  
    color:rgb(177, 231, 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(177, 231, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 231, 199) }
```

Border

The CSS property to change the border of an element to RGB 177, 231, 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(177, 231, 199) }
```

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

```
.border{ border-color:rgb(177, 231, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 231, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 231, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 231, 199);  
box-shadow:4px 4px 4px 4px rgb(177, 231,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 177, 231, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 231, 199) }
```

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

```
.background{ background-color: rgb(177,  
231, 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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