

Converting Colors

RGB(177, 227, 211)

Have a look what the booklet for
RGB(177, 227, 211) contains.

RGB(177, 227, 211)	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(177, 227, 211)

Conversions

Conversions Part 1

Format	Color
Hex	B1E3D3
RGB	177, 227, 211
RGB Percent	69%, 89%, 83%
CMY	0.3059, 0.1098, 0.1725
CMYK	0.22, 0.00, 0.07, 0.11
HSL	161°, 47%, 79%
HSV	161°, 22%, 89%
XYZ	57.3584, 68.9884, 71.9210
YIQ	210.2260, -24.6640, -15.5760

Conversions

Conversions Part 2

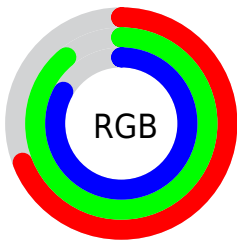
Format	Color
RYB	177, 207, 227
Decimal	11658195
CIELab	86.50, -19.27, 2.54
CIElCh	86, 19.441, 172.486
Yxy	68.9884, 0.2893, 0.3480
Android (android.graphics.Color)	4289848275 (0xFFB1E3D3)
YUV	210.2260, 0.3816, -29.1392
Hunter-Lab	83.0593, -22.0866, 6.8023

Details

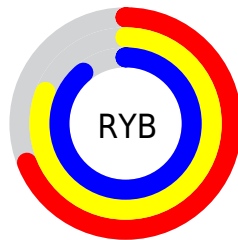
The RGB color **177, 227, 211** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **227, 177, 193**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **233, 255, 255**, and **123, 172, 157** is the 20% darker color. If you saturate the color by 10%, you get **154, 227, 204**, and if you desaturate by 10%, it is **200, 227, 218**.

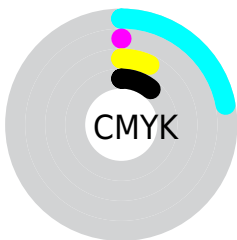
Distribution



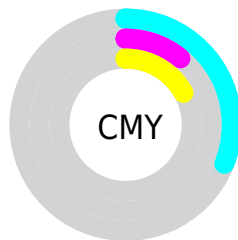
- Red (69%)
- Green (89%)
- Blue (83%)



- Red (69%)
- Yellow (81%)
- Blue (89%)



- Cyan (22%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)



- Cyan (31%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the RGB color 177, 227, 211 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, 227, 211 by changing the saturation by 10% instead.

■ 177, 227, 211

255, 255, 255

■ 233, 255, 255

■ 177, 227, 211

■ 150, 199, 183

■ 123, 172, 157

■ 98, 145, 130

■ 73, 119, 105

■ 48, 94, 81

■ 24, 70, 58

■ 0, 48, 37

■ 0, 28, 16

■ 0, 0, 0

 177, 227, 211

 177, 227, 211

 154, 227, 204

 200, 227, 218

 132, 227, 196

 222, 227, 226

 109, 227, 189

 245, 227, 233

 86, 227, 182

 255, 227, 240

 64, 227, 175

 255, 227, 247

 41, 227, 167

 255, 227, 255

 18, 227, 160

 255, 227, 255

 0, 227, 154

Harmonies

Analogous

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



195, 224, 194



177, 227, 211



168, 227, 230

Triad

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



177, 227, 211



214, 213, 250



250, 208, 188

Complementary

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



177, 227, 211



227, 177, 193

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, 203



177, 227, 211



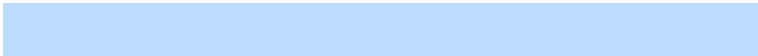
236, 208, 239

Square

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



177, 227, 211



190, 220, 253



251, 204, 222



236, 214, 180

Rectangle

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



177, 227, 211



170, 226, 241



251, 204, 222



253, 206, 192

Sweetspot

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



177, 227, 211



237, 255, 249



194, 227, 177



117, 128, 124



0, 0, 0



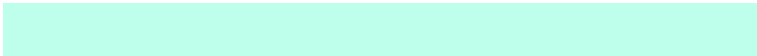
128, 128, 128

Same Dimension

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



177, 227, 211



189, 255, 234



177, 219, 227



103, 115, 111



0, 179, 121



0, 51, 35

Inverse Universe

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



227, 177, 193



255, 189, 210



227, 185, 177



115, 103, 107



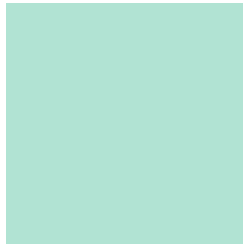
179, 0, 57



51, 0, 16

Previews

White Background



This preview shows how the RGB color 177, 227, 211 looks on a white background.

Color Contrast Check

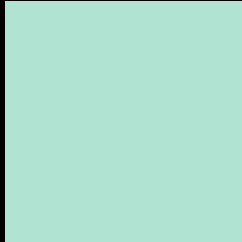
Large Text (above 18pt) WCAG AA × Fail

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, 227, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

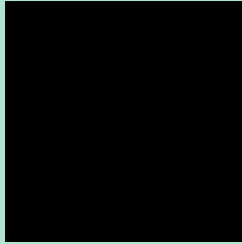
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

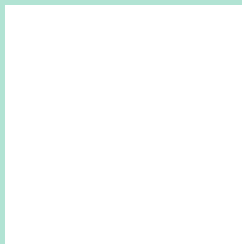
Any Text WCAG AAA ✓ Pass

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

RGB 177, 227, 211 Background



This preview shows how black text looks on a background with the RGB color 177, 227, 211.



This preview shows how white text looks on a background with the RGB color 177, 227, 211.

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





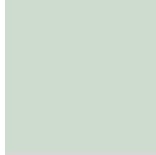
Tritanopia
183, 223, 240

Trichromacy



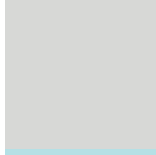
Original Color

177, 227, 211



Protanomaly

206, 219, 207



Deuteranomaly

215, 216, 214



Tritanomaly

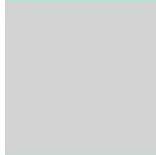
181, 224, 229

Monochromacy



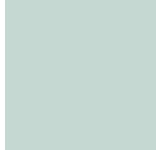
Original Color

177, 227, 211



Achromatopsia

210, 210, 210



Achromatomaly

198, 216, 210

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 227, 211 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, 227, 211)` looks like.

```
.text, #text, p{  
    color:rgb(177, 227, 211)  
}
```

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, 227, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 227, 211) }
```

Border

The CSS property to change the border of an element to RGB 177, 227, 211 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, 227, 211) }
```

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

```
.border{ border-color:rgb(177, 227, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 227, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 227, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 227, 211);  
box-shadow:4px 4px 4px 4px rgb(177, 227,  
211) }
```

Background

The CSS property to change the background color of an element to RGB 177, 227, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 227, 211) }
```

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

```
.background{ background-color: rgb(177,  
227, 211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor