

Converting Colors

RGB(177, 230, 219)

Have a look what the booklet for
RGB(177, 230, 219) contains.

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Color

RGB(177, 230, 219)

Conversions

Conversions Part 1

Format	Color
Hex	B1E6DB
RGB	177, 230, 219
RGB Percent	69%, 90%, 86%
CMY	0.3059, 0.0980, 0.1412
CMYK	0.23, 0.00, 0.05, 0.10
HSL	168°, 51%, 80%
HSV	168°, 23%, 90%
XYZ	59.2145, 71.0552, 77.6119
YIQ	212.8990, -28.0570, -14.6570

Conversions

Conversions Part 2

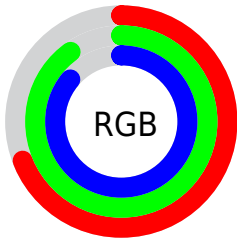
Format	Color
RYB	177, 207, 230
Decimal	11658971
CIELab	87.51, -19.13, -0.19
CIELCh	88, 19.135, 180.563
Yxy	71.0552, 0.2848, 0.3418
Android (android.graphics.Color)	4289849051 (0xFFB1E6DB)
YUV	212.8990, 3.0078, -31.4834
Hunter-Lab	84.2943, -22.1235, 4.4161

Details

The RGB color **177, 230, 219** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **230, 177, 188**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **233, 255, 255**, and **123, 174, 164** is the 20% darker color. If you saturate the color by 10%, you get **154, 230, 214**, and if you desaturate by 10%, it is **200, 230, 224**.

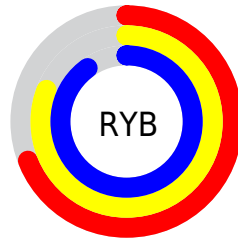
Distribution



Red (69%)

Green (90%)

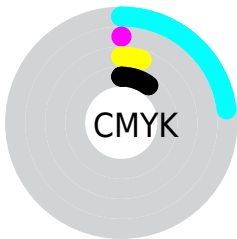
Blue (86%)



Red (69%)

Yellow (81%)

Blue (90%)

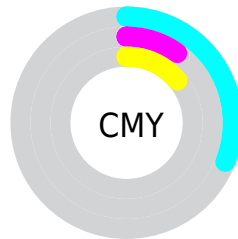


Cyan (23%)

Magenta (0%)

Yellow (5%)

Black (10%)



Cyan (31%)

Magenta (10%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 177, 230, 219 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, 230, 219 by changing the saturation by 10% instead.

 177, 230, 219


255, 255, 255


 233, 255, 255

 177, 230, 219


 150, 202, 191

 123, 174, 164


 97, 148, 138

 72, 122, 112

 47, 97, 88

 21, 73, 65

 0, 50, 43

 0, 30, 22


 0, 0, 0

 177, 230, 219

 177, 230, 219

 154, 230, 214

 200, 230, 224

 131, 230, 209

 223, 230, 229

 108, 230, 205

 246, 230, 233

 85, 230, 200

 255, 230, 238

 62, 230, 195

 255, 230, 243

 39, 230, 190

 255, 230, 248

 16, 230, 186

 255, 230, 252

 0, 230, 182

 255, 230, 255

Harmonies

Analogous

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



193, 228, 201



177, 230, 219



172, 229, 237

Triad

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



177, 230, 219



223, 215, 251



249, 212, 188

Complementary

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



177, 230, 219



230, 177, 188

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, 208, 202



177, 230, 219



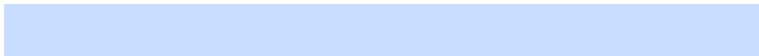
244, 209, 238

Square

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



177, 230, 219



200, 221, 255



255, 207, 220



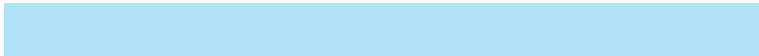
234, 218, 183

Rectangle

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



177, 230, 219



176, 227, 247



255, 207, 220



253, 211, 192

Sweetspot

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



177, 230, 219



237, 255, 251



188, 230, 177



117, 128, 125



0, 0, 0



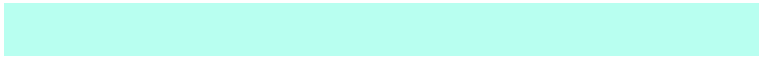
128, 128, 128

Same Dimension

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



177, 230, 219



184, 255, 240



177, 215, 230



103, 115, 112



0, 179, 141



0, 51, 40

Inverse Universe

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



230, 177, 188



255, 184, 198



230, 192, 177



115, 103, 106



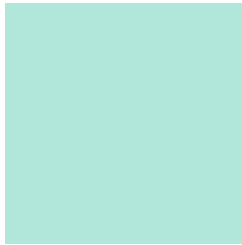
179, 0, 37



51, 0, 11

Previews

White Background



This preview shows how the RGB color 177, 230, 219 looks on a white background.

Color Contrast Check

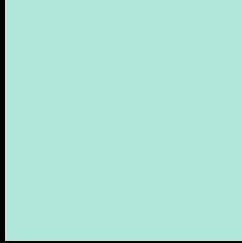
Large Text (above 18pt) WCAG AA × Fail

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, 230, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

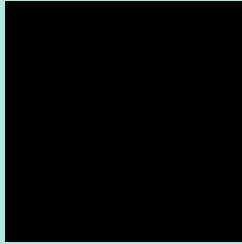
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

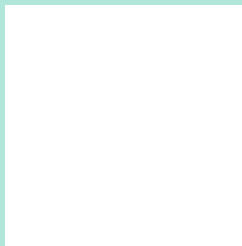
Any Text WCAG AAA ✓ Pass

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

RGB 177, 230, 219 Background



This preview shows how black text looks on a background with the RGB color 177, 230, 219.



This preview shows how white text looks on a background with the RGB color 177, 230, 219.

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





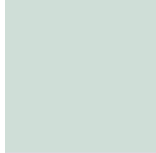
Tritanopia
182, 226, 244

Trichromacy



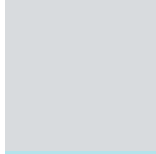
Original Color

177, 230, 219



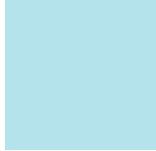
Protanomaly

207, 222, 215



Deuteranomaly

216, 219, 222



Tritanomaly

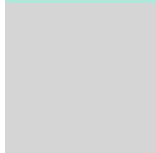
180, 227, 235

Monochromacy



Original Color

177, 230, 219



Achromatopsia

213, 213, 213



Achromatomaly

200, 219, 215

CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 230, 219 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, 230, 219)` looks like.

```
.text, #text, p{  
    color:rgb(177, 230, 219)  
}
```

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, 230, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 230, 219) }
```

Border

The CSS property to change the border of an element to RGB 177, 230, 219 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, 230, 219) }
```

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

```
.border{ border-color:rgb(177, 230, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 230, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 230, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 230, 219);  
box-shadow:4px 4px 4px 4px rgb(177, 230,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 177, 230, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 230, 219) }
```

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

```
.background{ background-color: rgb(177,  
230, 219) }
```

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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