

Converting Colors

RGB(175, 228, 219)

Have a look what the booklet for
RGB(175, 228, 219) contains.

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Color

RGB(175, 228, 219)

Conversions

Conversions Part 1

Format	Color
Hex	AFE4DB
RGB	175, 228, 219
RGB Percent	69%, 89%, 86%
CMY	0.3137, 0.1059, 0.1412
CMYK	0.23, 0.00, 0.04, 0.11
HSL	170°, 50%, 79%
HSV	170°, 23%, 89%
XYZ	58.2088, 69.7152, 77.4063
YIQ	211.1270, -28.6990, -14.0350

Conversions

Conversions Part 2

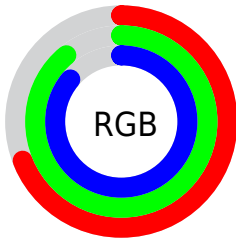
Format	Color
RYB	175, 204, 228
Decimal	11527387
CIELab	86.86, -18.74, -1.16
CIElCh	87, 18.778, 183.539
Yxy	69.7152, 0.2835, 0.3395
Android (android.graphics.Color)	4289717467 (0xFFAFE4DB)
YUV	211.1270, 3.8814, -31.6834
Hunter-Lab	83.4957, -21.6766, 3.4810

Details

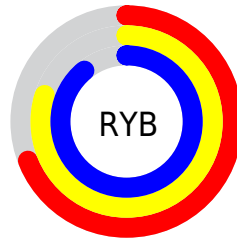
The RGB color **175, 228, 219** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **228, 175, 184**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **231, 255, 255**, and **121, 172, 164** is the 20% darker color. If you saturate the color by 10%, you get **152, 228, 215**, and if you desaturate by 10%, it is **198, 228, 223**.

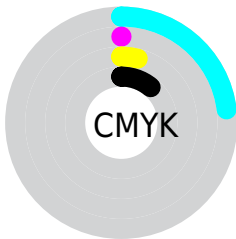
Distribution



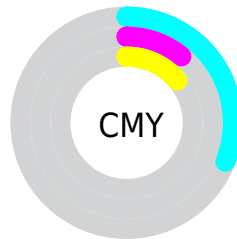
- Red (69%)
- Green (89%)
- Blue (86%)



- Red (69%)
- Yellow (80%)
- Blue (89%)



- Cyan (23%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (31%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 228, 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 175, 228, 219 by changing the saturation by 10% instead.

 175, 228, 219


255, 255, 255


 231, 255, 255

 175, 228, 219

 148, 200, 191

 121, 172, 164

 95, 146, 138

 70, 120, 112

 45, 95, 88

 19, 71, 65

 0, 48, 43

 0, 29, 22

 0, 0, 0


 175, 228, 219

 175, 228, 219

 152, 228, 215

 198, 228, 223

 129, 228, 211

 221, 228, 227

 107, 228, 207

 243, 228, 231

 84, 228, 204

 255, 228, 234

 61, 228, 200

 255, 228, 238

 38, 228, 196

 255, 228, 242

 15, 228, 192

 255, 228, 246

 0, 228, 189

 255, 228, 250

 255, 228, 254

Harmonies

Analogous

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



190, 226, 201



175, 228, 219



171, 227, 236

Triad

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



175, 228, 219



224, 212, 247



246, 211, 186

Complementary

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



175, 228, 219



228, 175, 184

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.



254, 207, 199



175, 228, 219



243, 207, 234

Square

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



175, 228, 219



201, 218, 253



254, 205, 216



230, 217, 182

Rectangle

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



175, 228, 219



176, 225, 245



254, 205, 216



250, 209, 189

Sweetspot

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



175, 228, 219



237, 255, 252



185, 228, 175



117, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



175, 228, 219



184, 255, 243



175, 211, 228



103, 115, 113



0, 179, 148



0, 51, 42

Inverse Universe

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



228, 175, 184



255, 184, 196



228, 192, 175



115, 103, 105



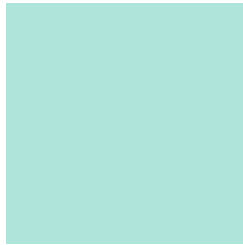
179, 0, 30



51, 0, 9

Previews

White Background



This preview shows how the RGB color 175, 228, 219 looks on a white background.

Color Contrast Check

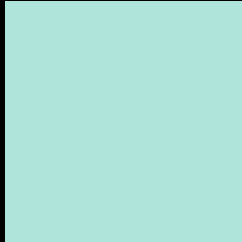
Large Text (above 18pt) WCAG AA × Fail

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 175, 228, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

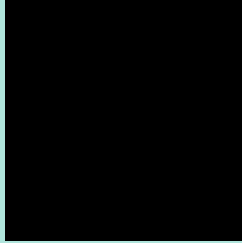
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

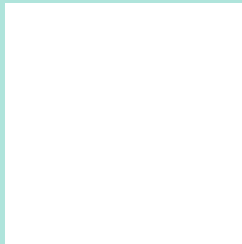
Any Text WCAG AAA ✓ Pass

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

RGB 175, 228, 219 Background



This preview shows how black text looks on a background with the RGB color 175, 228, 219.

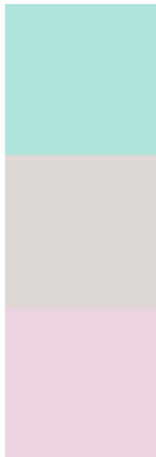


This preview shows how white text looks on a background with the RGB color 175, 228, 219.

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



Original Color
175, 228, 219

Protanopia
222, 216, 212

Deuteranopia
235, 210, 223



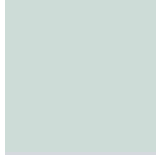
Tritanopia
180, 224, 242

Trichromacy



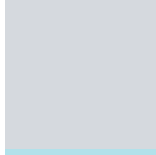
Original Color

175, 228, 219



Protanomaly

205, 220, 215



Deuteranomaly

213, 217, 222



Tritanomaly

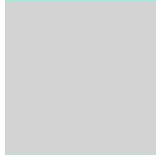
178, 225, 234

Monochromacy



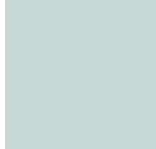
Original Color

175, 228, 219



Achromatopsia

211, 211, 211



Achromatomaly

198, 217, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 228, 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(175, 228, 219)` looks like.

```
.text, #text, p{  
    color:rgb(175, 228, 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(175, 228, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 228, 219) }
```

Border

The CSS property to change the border of an element to RGB 175, 228, 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(175, 228, 219) }
```

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

```
.border{ border-color:rgb(175, 228, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 228, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 228, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 228, 219);  
box-shadow:4px 4px 4px 4px rgb(175, 228,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 175, 228, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 228, 219) }
```

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

```
.background{ background-color: rgb(175,  
228, 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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