

Converting Colors

RGB(175, 233, 223)

Have a look what the booklet for
RGB(175, 233, 223) contains.

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Color

RGB(175, 233, 223)

Conversions

Conversions Part 1

Format	Color
Hex	AFE9DF
RGB	175, 233, 223
RGB Percent	69%, 91%, 87%
CMY	0.3137, 0.0863, 0.1255
CMYK	0.25, 0.00, 0.04, 0.09
HSL	170°, 57%, 80%
HSV	170°, 25%, 91%
XYZ	60.1374, 72.7195, 80.6787
YIQ	214.5180, -31.3580, -15.4060

Conversions

Conversions Part 2

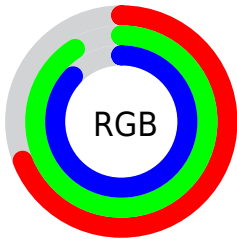
Format	Color
RYB	175, 207, 233
Decimal	11528671
CIELab	88.31, -20.38, -1.13
CIELCh	88, 20.414, 183.168
Yxy	72.7195, 0.2816, 0.3405
Android (android.graphics.Color)	4289718751 (0xFFAFE9DF)
YUV	214.5180, 4.1816, -34.6573
Hunter-Lab	85.2757, -23.3523, 3.5992

Details

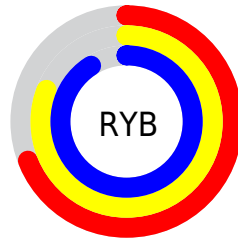
The RGB color **175, 233, 223** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **233, 175, 185**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **232, 255, 255**, and **121, 177, 168** is the 20% darker color. If you saturate the color by 10%, you get **152, 233, 219**, and if you desaturate by 10%, it is **198, 233, 227**.

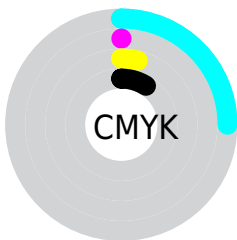
Distribution



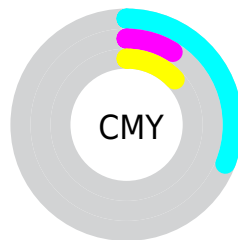
- Red (69%)
- Green (91%)
- Blue (87%)



- Red (69%)
- Yellow (81%)
- Blue (91%)



- Cyan (25%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 233, 223 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, 233, 223 by changing the saturation by 10% instead.


 175, 233, 223


255, 255, 255


 232, 255, 255

 175, 233, 223

 148, 205, 195

 121, 177, 168


 95, 150, 142

 69, 124, 116

 44, 99, 91

 16, 75, 68

 0, 52, 46

 0, 31, 25

 0, 0, 0

 175, 233, 223

 175, 233, 223

 152, 233, 219

 198, 233, 227

 128, 233, 215

 222, 233, 231

 105, 233, 211

 245, 233, 235

 82, 233, 207

 255, 233, 239

 59, 233, 203

 255, 233, 243

 35, 233, 199

 255, 233, 247

 12, 233, 195

 255, 233, 251

 0, 233, 193

 255, 233, 255

Harmonies

Analogous

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



191, 231, 203



175, 233, 223



170, 232, 242

Triad

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



175, 233, 223



228, 216, 254



252, 215, 188

Complementary

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



175, 233, 223



233, 175, 185

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, 210, 201



175, 233, 223



249, 210, 240

Square

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



175, 233, 223



203, 223, 255



255, 208, 220



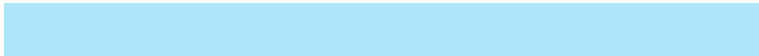
235, 221, 183

Rectangle

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



175, 233, 223



176, 230, 252



255, 208, 220



255, 213, 191

Sweetspot

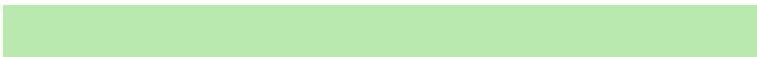
The Sweet Spot groups the original color and five complimentary colors.



175, 233, 223



237, 255, 252



186, 233, 175



117, 128, 126



0, 0, 0



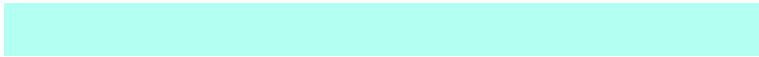
128, 128, 128

Same Dimension

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



175, 233, 223



179, 255, 242



175, 215, 233



106, 117, 115



0, 181, 150



0, 54, 44

Inverse Universe

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



233, 175, 185



255, 179, 192



233, 193, 175



117, 106, 108



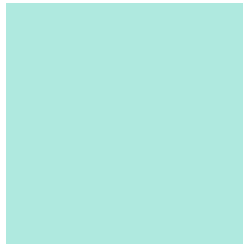
181, 0, 31



54, 0, 9

Previews

White Background



This preview shows how the RGB color 175, 233, 223 looks on a white background.

Color Contrast Check

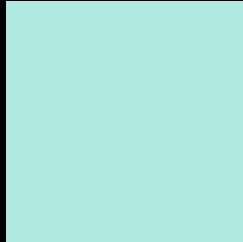
Large Text (above 18pt) WCAG AA × Fail

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, 233, 223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

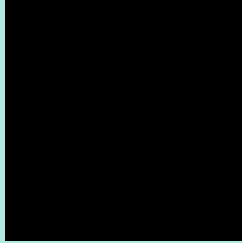
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

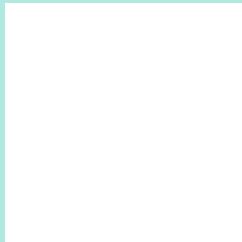
Any Text WCAG AAA ✓ Pass

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

RGB 175, 233, 223 Background



This preview shows how black text looks on a background with the RGB color 175, 233, 223.

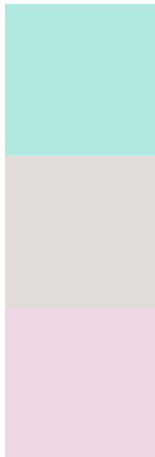


This preview shows how white text looks on a background with the RGB color 175, 233, 223.

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, 233, 223

Protanopia
226, 220, 216

Deuteranopia
239, 214, 227



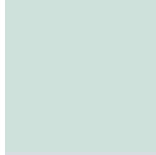
Tritanopia
180, 229, 248

Trichromacy



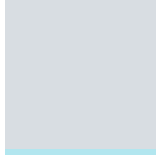
Original Color

175, 233, 223



Protanomaly

207, 225, 219



Deuteranomaly

216, 221, 226



Tritanomaly

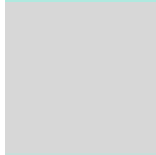
178, 230, 239

Monochromacy



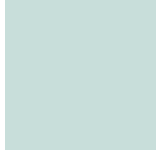
Original Color

175, 233, 223



Achromatopsia

215, 215, 215



Achromatomaly

200, 222, 218

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 233, 223 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, 233, 223)` looks like.

```
.text, #text, p{  
    color:rgb(175, 233, 223)  
}
```

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, 233, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 233, 223) }
```

Border

The CSS property to change the border of an element to RGB 175, 233, 223 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, 233, 223) }
```

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

```
.border{ border-color:rgb(175, 233, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 233, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 233, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 233, 223);  
box-shadow:4px 4px 4px 4px rgb(175, 233,  
223) }
```

Background

The CSS property to change the background color of an element to RGB 175, 233, 223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 233, 223) }
```

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

```
.background{ background-color: rgb(175,  
233, 223) }
```

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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