Converting Colors

RGB(175, 212, 219)

Have a look what the booklet for RGB(175, 212, 219) contains.

Color

RGB(175, 212, 219)

Conversions

Conversions Part 1

Format	Color
Hex	AFD4DB
RGB	175, 212, 219
RGB Percent	69%, 83%, 86%
CMY	0.3137, 0.1686, 0.1412
CMYK	0.20, 0.03, 0.00, 0.14
HSL	190°, 38%, 77%
HSV	190°, 20%, 86%
XYZ	54.0089, 61.3154, 76.0063
YIQ	201.7350, -24.2990, -5.6670

Conversions

Conversions Part 2

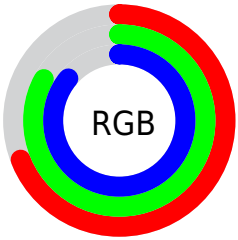
Format	Color
RYB	175, 195, 219
Decimal	11523291
CIELab	82.55, -10.64, -7.51
CIELCh	83, 13.019, 215.207
Yxy	61.3154, 0.2823, 0.3205
Android (android.graphics.Color)	4289713371 (0xFFAFD4DB)
YUV	201.7350, 8.5116, -23.4466
Hunter-Lab	78.3042, -13.9151, -2.7372

Details

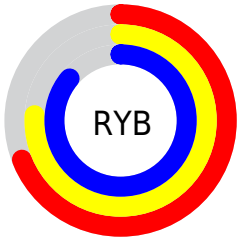
The RGB color 175, 212, 219 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 219, 182, 175, and the grayscale version is 202, 202, 202.

A 20% lighter version of the original color is 231, 255, 255, and 122, 157, 164 is the 20% darker color. If you saturate the color by 10%, you get 153, 209, 219, and if you desaturate by 10%, it is 197, 215, 219.

Distribution

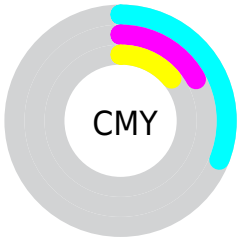


- Red (69%)
- Green (83%)
- Blue (86%)



- Red (69%)
- Yellow (76%)
- Blue (86%)

- Cyan (20%)
- Magenta (3%)
- Yellow (0%)
- Black (14%)



- Cyan (31%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 212, 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, 212, 219 by changing the saturation by 10% instead.

175, 212, 219

255, 255, 255

231, 255, 255

175, 212, 219

148, 184, 191

122, 157, 164

96, 131, 138

71, 106, 112

47, 82, 88

23, 59, 65

0, 37, 43

0, 17, 22

0, 0, 0

175, 212, 219	175, 212, 219
153, 209, 219	197, 215, 219
131, 205, 219	219, 219, 219
109, 202, 219	241, 222, 219
87, 198, 219	255, 226, 219
66, 195, 219	255, 229, 219
44, 191, 219	255, 233, 219
22, 188, 219	255, 236, 219
0, 184, 219	255, 240, 219
	255, 243, 219

Harmonies

Analogous

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

177, 213, 207

175, 212, 219

182, 209, 227

Triad

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

175, 212, 219

224, 198, 216

213, 205, 181

Complementary

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

175, 212, 219

219, 182, 175

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.

225, 201, 184

175, 212, 219

231, 197, 204

Square

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

175, 212, 219

211, 202, 225

231, 198, 192

199, 209, 185

Rectangle

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

175, 212, 219

190, 207, 229

231, 198, 192

218, 204, 181

Sweetspot

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

175, 212, 219

240, 253, 255

175, 219, 182

119, 126, 128

0, 0, 0

128, 128, 128

Same Dimension

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

175, 212, 219

194, 245, 255

175, 190, 219

99, 108, 110

0, 146, 173

0, 39, 46

Inverse Universe

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

219, 175, 212

255, 194, 245

219, 204, 175

110, 99, 108

173, 0, 146

46, 0, 39

Previews

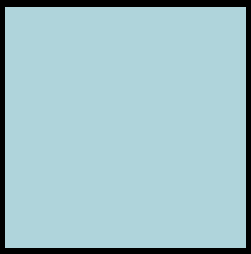
White Background

This preview shows how the RGB color 175, 212, 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



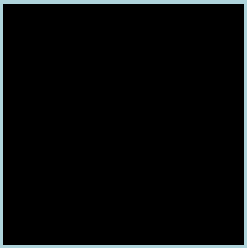
This preview shows how the RGB color 175, 212, 219 looks on a black background.

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, 212, 219 Background



This preview shows how black text looks on a background with the RGB color 175, 212, 219.

This preview shows how white text looks on a background with the RGB color 175, 212, 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, 212, 219

Protanopia
206, 204, 214

Deuteranopia
217, 199, 222

Tritanopia
177, 211, 227

Trichromacy

Original Color
175, 212, 219

Protanomaly
195, 207, 216

Deuteranomaly
202, 204, 221

Tritanomaly
176, 211, 224

Monochromacy

Original Color
175, 212, 219

Achromatopsia
202, 202, 202

Achromatomaly
192, 206, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 212, 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, 212, 219) looks like.

```
.text, #text, p{
    color:rgb(175, 212, 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, 212, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 212, 219) }
```

Border

The CSS property to change the border of an element to RGB 175, 212, 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, 212, 219) }
```

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

```
.border{ border-color:rgb(175, 212, 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, 212, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 212, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 212, 219); box-shadow:4px 4px 4px 4px rgb(175, 212, 219) }
```

Background

The CSS property to change the background color of an element to RGB 175, 212, 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, 212, 219) }
```

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

```
.background{ background-color:rgb(175,
212, 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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