Converting Colors

RGB(175, 218, 223)

Have a look what the booklet for RGB(175, 218, 223) contains.

Color

RGB(175, 218, 223)

Conversions

Conversions Part 1

Format	Color
Hex	AFDADF
RGB	175, 218, 223
RGB Percent	69%, 85%, 87%
CMY	0.3137, 0.1451, 0.1255
CMYK	0.22, 0.02, 0.00, 0.13
HSL	186°, 43%, 78%
HSV	186°, 22%, 87%
XYZ	56.0699, 64.5845, 79.3229
YIQ	205.7130, -27.2330, -7.5610

Conversions

Conversions Part 2

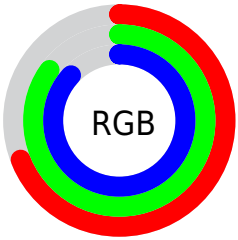
Format	Color
RYB	175, 198, 223
Decimal	11524831
CIELab	84.27, -12.85, -7.08
CIELCh	84, 14.676, 208.854
Yxy	64.5845, 0.2804, 0.3230
Android (android.graphics.Color)	4289714911 (0xFFAFDADF)
YUV	205.7130, 8.5225, -26.9353
Hunter-Lab	80.3645, -16.0993, -2.2664

Details

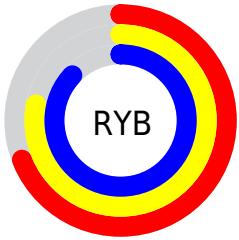
The RGB color 175, 218, 223 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 223, 180, 175, and the grayscale version is 206, 206, 206.

A 20% lighter version of the original color is 231, 255, 255, and 121, 163, 168 is the 20% darker color. If you saturate the color by 10%, you get 153, 216, 223, and if you desaturate by 10%, it is 197, 220, 223.

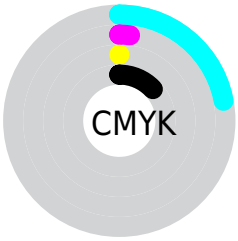
Distribution



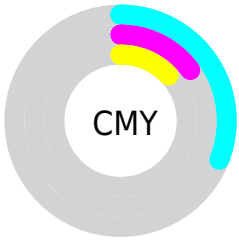
- Red (69%)
- Green (85%)
- Blue (87%)



- Red (69%)
- Yellow (78%)
- Blue (87%)



- Cyan (22%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (31%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 218, 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, 218, 223 by changing the saturation by 10% instead.

175, 218, 223

255, 255, 255

231, 255, 255

175, 218, 223

148, 190, 195

121, 163, 168

96, 137, 141

71, 111, 116

46, 87, 91

21, 63, 68

0, 41, 46

0, 22, 25

0, 0, 0

175, 218, 223	175, 218, 223
153, 216, 223	197, 220, 223
130, 213, 223	220, 223, 223
108, 211, 223	242, 225, 223
86, 209, 223	255, 227, 223
64, 206, 223	255, 230, 223
41, 204, 223	255, 232, 223
19, 202, 223	255, 234, 223
0, 200, 223	255, 237, 223
	255, 239, 223

Harmonies

Analogous

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

179, 218, 209

175, 218, 223

181, 216, 233

Triad

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

175, 218, 223

228, 203, 225

222, 209, 183

Complementary

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

175, 218, 223

223, 180, 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.

234, 205, 187

175, 218, 223

238, 201, 211

Square

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

175, 218, 223

212, 207, 234

240, 202, 197

207, 213, 186

Rectangle

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

175, 218, 223

189, 213, 237

240, 202, 197

227, 208, 183

Sweetspot

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

175, 218, 223

240, 253, 255

175, 223, 180

119, 127, 128

0, 0, 0

128, 128, 128

Same Dimension

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

175, 218, 223

189, 248, 255

175, 194, 223

101, 111, 112

0, 158, 176

0, 43, 48

Inverse Universe

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

223, 175, 218

255, 189, 248

223, 204, 175

112, 101, 111

176, 0, 158

48, 0, 43

Previews

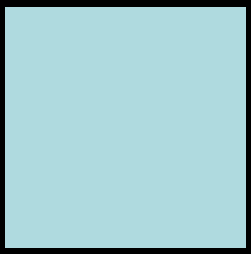
White Background

This preview shows how the RGB color 175, 218, 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



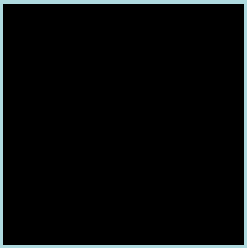
This preview shows how the RGB color 175, 218, 223 looks on a black background.

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, 218, 223 Background



This preview shows how black text looks on a background with the RGB color 175, 218, 223.

This preview shows how white text looks on a background with the RGB color 175, 218, 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, 218, 223

Protanopia
211, 209, 217

Deuteranopia
223, 204, 226

Tritanopia
177, 216, 234

Trichromacy

Original Color
175, 218, 223

Protanomaly
198, 212, 219

Deuteranomaly
206, 209, 225

Tritanomaly
176, 217, 230

Monochromacy

Original Color
175, 218, 223

Achromatopsia
206, 206, 206

Achromatomaly
195, 210, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 218, 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, 218, 223) looks like.

```
.text, #text, p{
    color:rgb(175, 218, 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, 218, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 218, 223) }
```

Border

The CSS property to change the border of an element to RGB 175, 218, 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, 218, 223) }
```

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

```
.border{ border-color:rgb(175, 218, 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, 218, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 218, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 218, 223); box-shadow:4px 4px 4px 4px rgb(175, 218, 223) }
```

Background

The CSS property to change the background color of an element to RGB 175, 218, 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, 218, 223) }
```

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

```
.background{ background-color:rgb(175,
218, 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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