

Converting Colors

RGB(175, 225, 218)

Have a look what the booklet for
RGB(175, 225, 218) contains.

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Color

RGB(175, 225, 218)

Conversions

Conversions Part 1

Format	Color
Hex	AFE1DA
RGB	175, 225, 218
RGB Percent	69%, 88%, 85%
CMY	0.3137, 0.1176, 0.1451
CMYK	0.22, 0.00, 0.03, 0.12
HSL	172°, 45%, 78%
HSV	172°, 22%, 88%
XYZ	57.2593, 68.0263, 76.4422
YIQ	209.2520, -27.5530, -12.7770

Conversions

Conversions Part 2

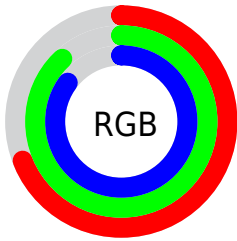
Format	Color
RYB	175, 202, 225
Decimal	11526618
CIELab	86.02, -17.45, -1.86
CIELCh	86, 17.553, 186.079
Yxy	68.0263, 0.2838, 0.3372
Android (android.graphics.Color)	4289716698 (0xFFAFE1DA)
YUV	209.2520, 4.3128, -30.0390
Hunter-Lab	82.4781, -20.4154, 2.7836

Details

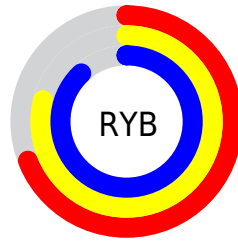
The RGB color **175, 225, 218** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **225, 175, 182**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **231, 255, 255**, and **121, 170, 163** is the 20% darker color. If you saturate the color by 10%, you get **153, 225, 215**, and if you desaturate by 10%, it is **197, 225, 221**.

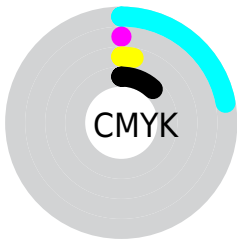
Distribution



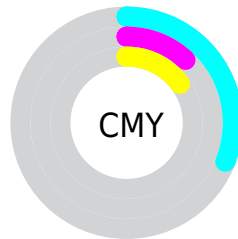
- Red (69%)
- Green (88%)
- Blue (85%)



- Red (69%)
- Yellow (79%)
- Blue (88%)



- Cyan (22%)
- Magenta (0%)
- Yellow (3%)
- Black (12%)



- Cyan (31%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 225, 218 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, 225, 218 by changing the saturation by 10% instead.


 175, 225, 218


255, 255, 255


 231, 255, 255

 175, 225, 218


 148, 197, 190

 121, 170, 163

 96, 143, 137

 70, 117, 112

 46, 93, 87

 20, 69, 64

 0, 46, 42

 0, 27, 22

 0, 0, 0

 175, 225, 218

 175, 225, 218

 153, 225, 215

 197, 225, 221

 130, 225, 212

 220, 225, 224

 108, 225, 209

 243, 225, 227

 85, 225, 205

 255, 225, 231

 63, 225, 202

 255, 225, 234

 40, 225, 199

 255, 225, 237

 18, 225, 196

 255, 225, 240

 0, 225, 193

 255, 225, 243

 255, 225, 246

Harmonies

Analogous

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



188, 224, 201



175, 225, 218



172, 224, 234

Triad

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



175, 225, 218



223, 210, 242



241, 210, 185

Complementary

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



175, 225, 218



225, 175, 182

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.



249, 205, 196



175, 225, 218



240, 205, 229

Square

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



175, 225, 218



201, 215, 248



249, 204, 212



225, 215, 182

Rectangle

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



175, 225, 218



178, 222, 242



249, 204, 212



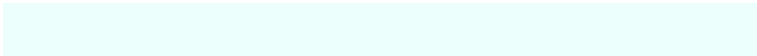
244, 208, 188

Sweetspot

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



175, 225, 218



237, 255, 253



183, 225, 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, 225, 218



186, 255, 245



175, 208, 225



101, 112, 111



0, 176, 151



0, 48, 42

Inverse Universe

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



225, 175, 182



255, 186, 196



225, 193, 175



112, 101, 103



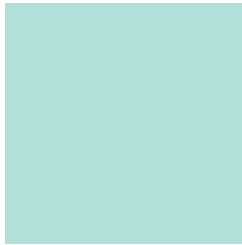
176, 0, 25



48, 0, 7

Previews

White Background



This preview shows how the RGB color 175, 225, 218 looks on a white background.

Color Contrast Check

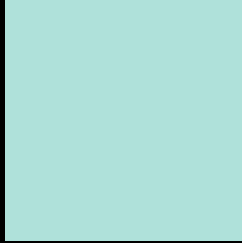
Large Text (above 18pt) WCAG AA × Fail

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, 225, 218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

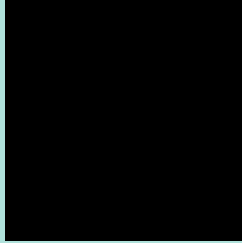
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

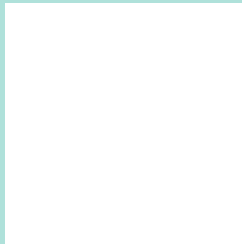
Any Text WCAG AAA ✓ Pass

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

RGB 175, 225, 218 Background



This preview shows how black text looks on a background with the RGB color 175, 225, 218.

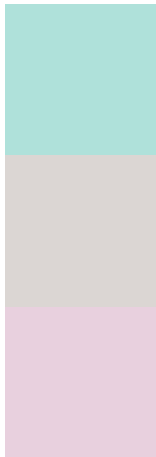


This preview shows how white text looks on a background with the RGB color 175, 225, 218.

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, 225, 218

Protanopia
219, 214, 211

Deuteranopia
232, 208, 222



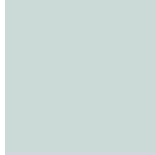
Tritanopia
179, 222, 239

Trichromacy



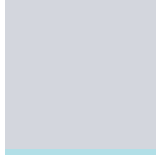
Original Color

175, 225, 218



Protanomaly

203, 218, 214



Deuteranomaly

211, 214, 221



Tritanomaly

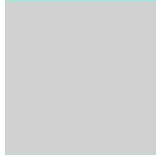
178, 223, 231

Monochromacy



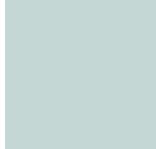
Original Color

175, 225, 218



Achromatopsia

209, 209, 209



Achromatomaly

197, 215, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 175, 225, 218 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, 225, 218)` looks like.

```
.text, #text, p{  
    color:rgb(175, 225, 218)  
}
```

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, 225, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 225, 218) }
```

Border

The CSS property to change the border of an element to RGB 175, 225, 218 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, 225, 218) }
```

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

```
.border{ border-color:rgb(175, 225, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 225, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 225, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 225, 218);  
box-shadow:4px 4px 4px 4px rgb(175, 225,  
218) }
```

Background

The CSS property to change the background color of an element to RGB 175, 225, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 225, 218) }
```

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

```
.background{ background-color: rgb(175,  
225, 218) }
```

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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