

Converting Colors

RGB(175, 225, 216)

Have a look what the booklet for
RGB(175, 225, 216) contains.

RGB(175, 225, 216)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(175, 225, 216)

Conversions

Conversions Part 1

Format	Color
Hex	AFE1D8
RGB	175, 225, 216
RGB Percent	69%, 88%, 85%
CMY	0.3137, 0.1176, 0.1529
CMYK	0.22, 0.00, 0.04, 0.12
HSL	169°, 45%, 78%
HSV	169°, 22%, 88%
XYZ	56.9991, 67.9223, 75.0719
YIQ	209.0240, -26.9110, -13.3990

Conversions

Conversions Part 2

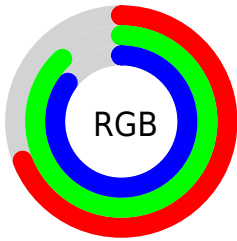
Format	Color
RYB	175, 202, 225
Decimal	11526616
CIELab	85.97, -17.87, -0.88
CIELCh	86, 17.892, 182.819
Yxy	67.9223, 0.2850, 0.3396
Android (android.graphics.Color)	4289716696 (0xFFAFE1D8)
YUV	209.0240, 3.4392, -29.8390
Hunter-Lab	82.4150, -20.7736, 3.6831

Details

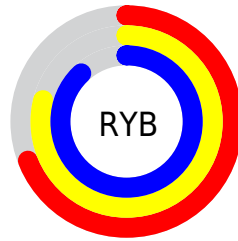
The RGB color **175, 225, 216** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **225, 175, 184**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **231, 255, 255**, and **121, 170, 161** is the 20% darker color. If you saturate the color by 10%, you get **153, 225, 212**, and if you desaturate by 10%, it is **197, 225, 220**.

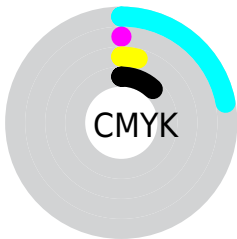
Distribution



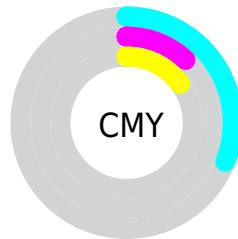
- Red (69%)
- Green (88%)
- Blue (85%)



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



- Cyan (22%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the RGB color 175, 225, 216 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, 216 by changing the saturation by 10% instead.


 175, 225, 216

255, 255, 255


 231, 255, 255

 175, 225, 216


 148, 197, 188

 121, 170, 161

 96, 143, 135

 71, 117, 110

 46, 93, 85

 21, 69, 62

 0, 46, 41

 0, 27, 20

 0, 0, 0

 175, 225, 216

 175, 225, 216

 153, 225, 212

 197, 225, 220

 130, 225, 208

 220, 225, 224

 108, 225, 204

 243, 225, 228

 85, 225, 200

 255, 225, 232

 63, 225, 196

 255, 225, 236

 40, 225, 192

 255, 225, 240

 18, 225, 188

 255, 225, 244

 0, 225, 185

 255, 225, 248

 255, 225, 252

Harmonies

Analogous

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



189, 223, 199



175, 225, 216



171, 224, 233

Triad

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



175, 225, 216



220, 210, 243



242, 209, 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, 216



225, 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.



250, 205, 197



175, 225, 216



239, 205, 231

Square

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



175, 225, 216



198, 216, 248



249, 203, 214



227, 214, 181

Rectangle

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



175, 225, 216



175, 222, 241



249, 203, 214



246, 207, 189

Sweetspot

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



175, 225, 216



237, 255, 252



184, 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, 216



186, 255, 243



175, 209, 225



101, 112, 110



0, 176, 144



0, 48, 40

Inverse Universe

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



225, 175, 184



255, 186, 199



225, 191, 175



112, 101, 103



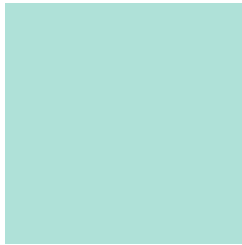
176, 0, 32



48, 0, 9

Previews

White Background



This preview shows how the RGB color 175, 225, 216 looks on a white background.

Color Contrast Check

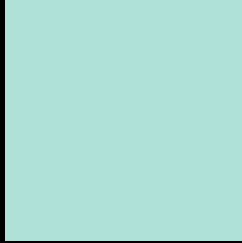
Large Text (above 18pt) WCAG AA × Fail

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, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

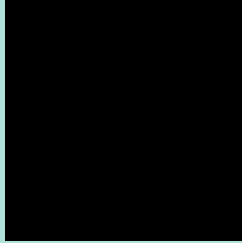
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

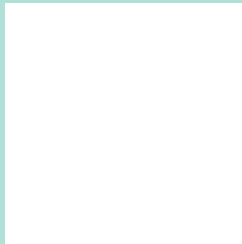
Any Text WCAG AAA ✓ Pass

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

RGB 175, 225, 216 Background



This preview shows how black text looks on a background with the RGB color 175, 225, 216.



This preview shows how white text looks on a background with the RGB color 175, 225, 216.

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





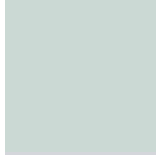
Tritanopia
180, 221, 239

Trichromacy



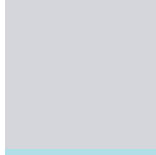
Original Color

175, 225, 216



Protanomaly

203, 217, 212



Deuteranomaly

212, 214, 219



Tritanomaly

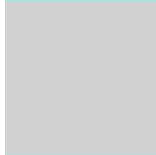
178, 222, 231

Monochromacy



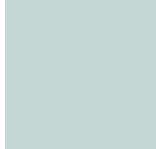
Original Color

175, 225, 216



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, 216 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(175, 225, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 225, 216) }
```

Border

The CSS property to change the border of an element to RGB 175, 225, 216 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, 216) }
```

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

```
.border{ border-color:rgb(175, 225, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 225, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 225, 216);  
box-shadow:4px 4px 4px 4px rgb(175, 225,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 175, 225, 216 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, 216) }
```

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

```
.background{ background-color: rgb(175,  
225, 216) }
```

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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