

Converting Colors

RGB(157, 217, 213)

Have a look what the booklet for
RGB(157, 217, 213) contains.

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Color

RGB(157, 217, 213)

Conversions

Conversions Part 1

Format	Color
Hex	9DD9D5
RGB	157, 217, 213
RGB Percent	62%, 85%, 84%
CMY	0.3843, 0.1490, 0.1647
CMYK	0.28, 0.00, 0.02, 0.15
HSL	176°, 44%, 73%
HSV	176°, 28%, 85%
XYZ	50.7277, 61.5979, 72.1667
YIQ	198.6040, -34.4760, -13.9640

Conversions

Conversions Part 2

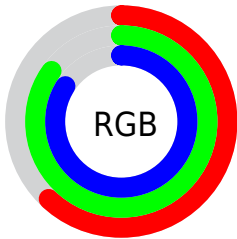
Format	Color
RYB	157, 188, 217
Decimal	10344917
CIELab	82.70, -19.85, -4.21
CIELCh	83, 20.292, 191.963
Yxy	61.5979, 0.2750, 0.3339
Android (android.graphics.Color)	4288534997 (0xFF9DD9D5)
YUV	198.6040, 7.0972, -36.4867
Hunter-Lab	78.4843, -21.9755, 0.4216

Details

The RGB color **157, 217, 213** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **217, 157, 161**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **213, 255, 255**, and **103, 162, 158** is the 20% darker color. If you saturate the color by 10%, you get **135, 217, 212**, and if you desaturate by 10%, it is **179, 217, 214**.

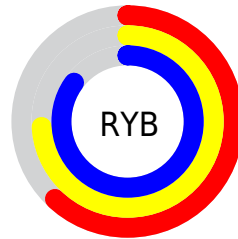
Distribution



Red (62%)

Green (85%)

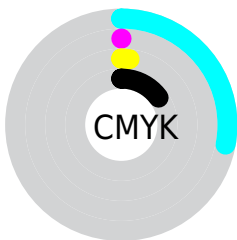
Blue (84%)



Red (62%)

Yellow (74%)

Blue (85%)

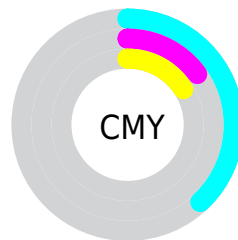


Cyan (28%)

Magenta (0%)

Yellow (2%)

Black (15%)



Cyan (38%)

Magenta (15%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 157, 217, 213 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 157, 217, 213 by changing the saturation by 10% instead.


 157, 217, 213

255, 255, 255


 213, 255, 255


 242, 255, 255

 157, 217, 213

 130, 189, 185

 103, 162, 158


 77, 136, 132

 51, 110, 107

 24, 86, 83

 0, 62, 60

 0, 40, 38

 0, 18, 18

 0, 0, 0

■ 157, 217, 213

■ 157, 217, 213

■ 135, 217, 212

■ 179, 217, 214

■ 114, 217, 210

■ 200, 217, 216

■ 92, 217, 209

■ 222, 217, 217

■ 70, 217, 207

■ 244, 217, 219

■ 49, 217, 206

■ 255, 217, 220

■ 27, 217, 204

■ 255, 217, 222

■ 5, 217, 203

■ 255, 217, 223

■ 0, 217, 203

■ 255, 217, 225

■ 255, 217, 226

Harmonies

Analogous

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



171, 216, 193



157, 217, 213



156, 215, 231

Triad

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



157, 217, 213



219, 199, 234



231, 201, 170

Complementary

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



157, 217, 213



217, 157, 161

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.



243, 195, 181



157, 217, 213



237, 194, 218

Square

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



157, 217, 213



194, 205, 243



246, 193, 199



213, 207, 169

Rectangle

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



157, 217, 213



165, 213, 239



246, 193, 199



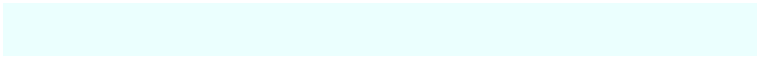
236, 199, 173

Sweetspot

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



157, 217, 213



235, 255, 254



161, 217, 157



115, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



157, 217, 213



171, 255, 249



157, 191, 217



99, 110, 109



0, 173, 162



0, 46, 43

Inverse Universe

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



217, 157, 161



255, 171, 176



217, 183, 157



110, 99, 99



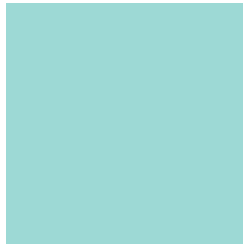
173, 0, 12



46, 0, 3

Previews

White Background



This preview shows how the RGB color 157, 217, 213 looks on a white background.

Color Contrast Check

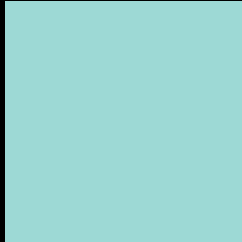
Large Text (above 18pt) WCAG AA × Fail

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 157, 217, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

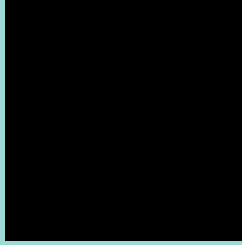
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

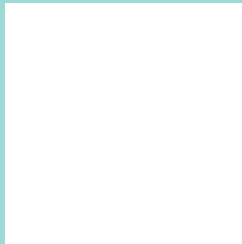
Any Text WCAG AAA ✓ Pass

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

RGB 157, 217, 213 Background



This preview shows how black text looks on a background with the RGB color 157, 217, 213.



This preview shows how white text looks on a background with the RGB color 157, 217, 213.

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
161, 214, 231

Trichromacy



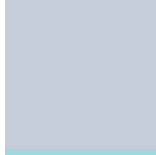
Original Color

157, 217, 213



Protanomaly

189, 209, 208



Deuteranomaly

197, 206, 216



Tritanomaly

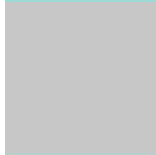
160, 215, 224

Monochromacy



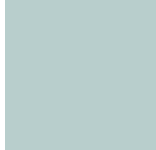
Original Color

157, 217, 213



Achromatopsia

199, 199, 199



Achromatomaly

184, 206, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 157, 217, 213 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(157, 217, 213)` looks like.

```
.text, #text, p{  
    color:rgb(157, 217, 213)  
}
```

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(157, 217, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 217, 213) }
```

Border

The CSS property to change the border of an element to RGB 157, 217, 213 is called "border". The border property can be set on classes, ids or directly on the HTML element.

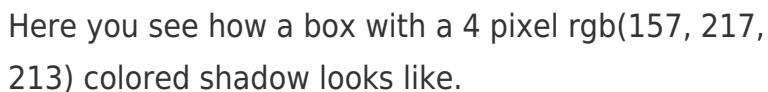
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 217, 213) }
```

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

```
.border{ border-color:rgb(157, 217, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 217, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 217, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 217, 213);  
box-shadow:4px 4px 4px 4px rgb(157, 217,  
213) }
```

Background

The CSS property to change the background color of an element to RGB 157, 217, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 217, 213) }
```

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

```
.background{ background-color: rgb(157,  
217, 213) }
```

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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