

Converting Colors

RGB(127, 217, 211)

Have a look what the booklet for
RGB(127, 217, 211) contains.

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Color

RGB(127, 217, 211)

Conversions

Conversions Part 1

Format	Color
Hex	7FD9D3
RGB	127, 217, 211
RGB Percent	50%, 85%, 83%
CMY	0.5020, 0.1490, 0.1725
CMYK	0.41, 0.00, 0.03, 0.15
HSL	176°, 54%, 67%
HSV	176°, 41%, 85%
XYZ	45.3231, 58.8409, 70.5967
YIQ	189.4060, -51.7140, -20.9460

Conversions

Conversions Part 2

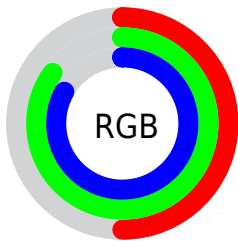
Format	Color
RYB	127, 174, 217
Decimal	8378835
CIELab	81.20, -28.35, -5.51
CIElCh	81, 28.885, 190.997
Yxy	58.8409, 0.2593, 0.3367
Android (android.graphics.Color)	4286568915 (0xFF7FD9D3)
YUV	189.4060, 10.6458, -54.7301
Hunter-Lab	76.7078, -28.7712, -0.8710

Details

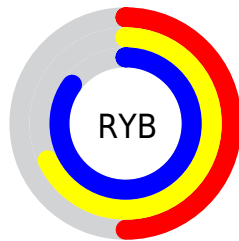
The RGB color **127, 217, 211** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **217, 127, 133**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **184, 255, 255**, and **70, 162, 157** is the 20% darker color. If you saturate the color by 10%, you get **105, 217, 210**, and if you desaturate by 10%, it is **149, 217, 212**.

Distribution



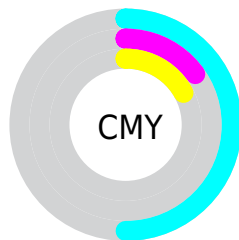
- Red (50%)
- Green (85%)
- Blue (83%)



- Red (50%)
- Yellow (68%)
- Blue (85%)



- Cyan (41%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)



- Cyan (50%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the RGB color 127, 217, 211 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 127, 217, 211 by changing the saturation by 10% instead.


 127, 217, 211

 127, 217, 211


255, 255, 255

 99, 189, 183


 184, 255, 255

 70, 162, 157


 213, 255, 255

 38, 135, 131

 242, 255, 255

 0, 110, 105

 0, 85, 81

 0, 61, 58

 0, 39, 37

 0, 9, 16

 0, 0, 0

■ 127, 217, 211

■ 127, 217, 211

■ 105, 217, 210

■ 149, 217, 212

■ 84, 217, 208

■ 170, 217, 214

■ 62, 217, 207

■ 192, 217, 215

■ 40, 217, 205

■ 214, 217, 217

■ 19, 217, 204

■ 235, 217, 218

■ 0, 217, 203

■ 255, 217, 220

■ 255, 217, 221

■ 255, 217, 223

■ 255, 217, 224

Harmonies

Analogous

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



151, 216, 183



127, 217, 211



123, 215, 236

Triad

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



127, 217, 211



218, 191, 243



237, 194, 151

Complementary

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



127, 217, 211



217, 127, 133

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.



253, 186, 167



127, 217, 211



245, 184, 220

Square

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



127, 217, 211



182, 201, 254



255, 182, 193



211, 203, 148

Rectangle

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



127, 217, 211



136, 212, 248



255, 182, 193



243, 191, 155

Sweetspot

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



127, 217, 211



224, 255, 253



133, 217, 127



110, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



127, 217, 211



128, 255, 246



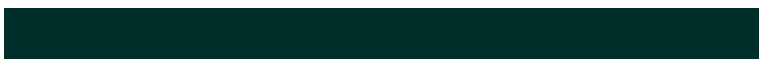
127, 178, 217



99, 110, 109



0, 173, 162



0, 46, 43

Inverse Universe

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



217, 127, 133



255, 128, 136



217, 166, 127



110, 99, 99



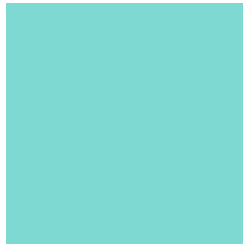
173, 0, 12



46, 0, 3

Previews

White Background



This preview shows how the RGB color 127, 217, 211 looks on a white background.

Color Contrast Check

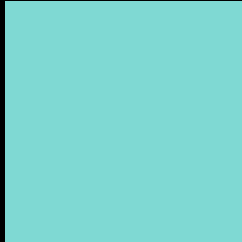
Large Text (above 18pt) WCAG AA × Fail

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 127, 217, 211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

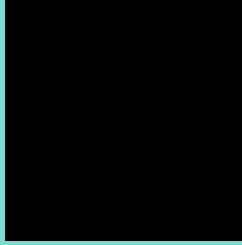
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

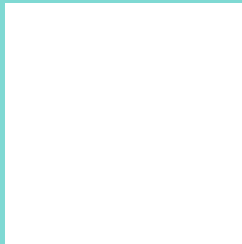
Any Text WCAG AAA ✓ Pass

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

RGB 127, 217, 211 Background



This preview shows how black text looks on a background with the RGB color 127, 217, 211.



This preview shows how white text looks on a background with the RGB color 127, 217, 211.

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
133, 214, 231

Trichromacy



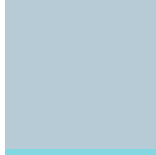
Original Color

127, 217, 211



Protanomaly

176, 206, 205



Deuteranomaly

182, 203, 214



Tritanomaly

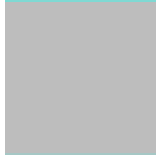
131, 215, 224

Monochromacy



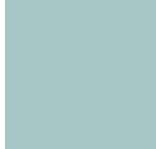
Original Color

127, 217, 211



Achromatopsia

189, 189, 189



Achromatomaly

166, 199, 197

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 217, 211 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(127, 217, 211)` looks like.

```
.text, #text, p{  
    color:rgb(127, 217, 211)  
}
```

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(127, 217, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 217, 211) }
```

Border

The CSS property to change the border of an element to RGB 127, 217, 211 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(127, 217, 211) }
```

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

```
.border{ border-color:rgb(127, 217, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 217, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 217, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 217, 211);  
box-shadow:4px 4px 4px 4px rgb(127, 217,  
211) }
```

Background

The CSS property to change the background color of an element to RGB 127, 217, 211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 217, 211) }
```

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

```
.background{ background-color: rgb(127,  
217, 211) }
```

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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