

Converting Colors

RGB(127, 217, 186)

Have a look what the booklet for
RGB(127, 217, 186) contains.

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Color

RGB(127, 217, 186)

Conversions

Conversions Part 1

Format	Color
Hex	7FD9BA
RGB	127, 217, 186
RGB Percent	50%, 85%, 73%
CMY	0.5020, 0.1490, 0.2706
CMYK	0.41, 0.00, 0.14, 0.15
HSL	159°, 54%, 67%
HSV	159°, 41%, 85%
XYZ	42.4282, 57.6829, 55.3521
YIQ	186.5560, -43.6890, -28.7210

Conversions

Conversions Part 2

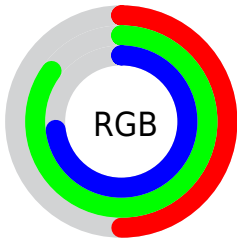
Format	Color
RYB	127, 181, 217
Decimal	8378810
CIELab	80.56, -34.09, 6.87
CIELCh	81, 34.773, 168.612
Yxy	57.6829, 0.2729, 0.3710
Android (android.graphics.Color)	4286568890 (0xFF7FD9BA)
YUV	186.5560, -0.2741, -52.2306
Hunter-Lab	75.9493, -33.1942, 9.9537

Details

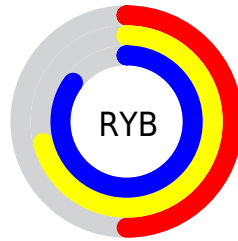
The RGB color **127, 217, 186** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **217, 127, 158**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **183, 255, 242**, and **71, 162, 133** is the 20% darker color. If you saturate the color by 10%, you get **105, 217, 179**, and if you desaturate by 10%, it is **149, 217, 193**.

Distribution



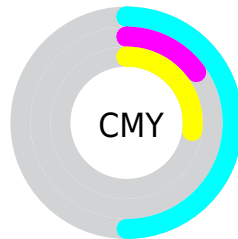
- Red (50%)
- Green (85%)
- Blue (73%)



- Red (50%)
- Yellow (71%)
- Blue (85%)



- Cyan (41%)
- Magenta (0%)
- Yellow (14%)
- Black (15%)



- Cyan (50%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RGB color 127, 217, 186 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, 186 by changing the saturation by 10% instead.

 127, 217, 186


255, 255, 255


 183, 255, 242


 212, 255, 255

 241, 255, 255


 127, 217, 186

 99, 189, 159

 71, 162, 133

 41, 135, 108

 0, 109, 83

 0, 84, 60

 0, 60, 39

 0, 39, 18

 0, 4, 0

 0, 0, 0

 127, 217, 186

 127, 217, 186

 105, 217, 179

 149, 217, 193

 84, 217, 171

 170, 217, 201

 62, 217, 164

 192, 217, 208

 40, 217, 156

 214, 217, 216

 19, 217, 149

 235, 217, 223

 0, 217, 142

 255, 217, 231

 255, 217, 238

 255, 217, 246

 255, 217, 253

Harmonies

Analogous

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



165, 212, 156



127, 217, 186



97, 218, 219

Triad

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



127, 217, 186



187, 196, 255



255, 183, 153

Complementary

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



127, 217, 186



217, 127, 158

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.



255, 176, 181



127, 217, 186



229, 185, 243

Square

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



127, 217, 186



138, 207, 255



255, 177, 214



234, 194, 137

Rectangle

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



127, 217, 186



94, 216, 239



255, 177, 214



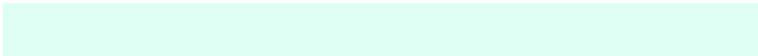
255, 180, 161

Sweetspot

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



127, 217, 186



224, 255, 244



158, 217, 127



110, 128, 121



0, 0, 0



128, 128, 128

Same Dimension

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



127, 217, 186



128, 255, 211



127, 203, 217



99, 110, 106



0, 173, 114



0, 46, 30

Inverse Universe

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



217, 127, 158



255, 128, 171



217, 141, 127



110, 99, 102



173, 0, 60



46, 0, 16

Previews

White Background



This preview shows how the RGB color 127, 217, 186 looks on a white background.

Color Contrast Check

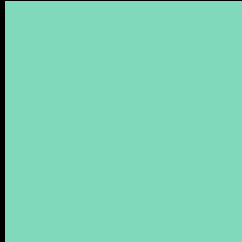
Large Text (above 18pt) WCAG AA × Fail

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, 186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

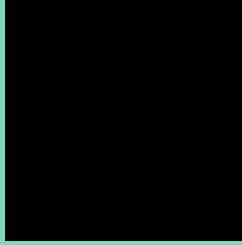
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

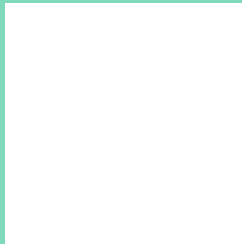
Any Text WCAG AAA ✓ Pass

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

RGB 127, 217, 186 Background



This preview shows how black text looks on a background with the RGB color 127, 217, 186.

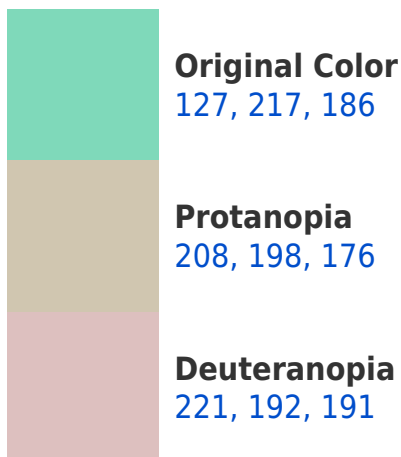


This preview shows how white text looks on a background with the RGB color 127, 217, 186.

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
138, 211, 228

Trichromacy



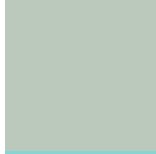
Original Color

127, 217, 186



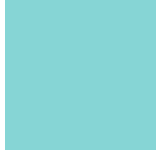
Protanomaly

179, 205, 180



Deuteranomaly

187, 201, 189



Tritanomaly

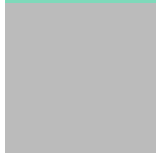
134, 213, 213

Monochromacy



Original Color

127, 217, 186



Achromatopsia

187, 187, 187



Achromatomaly

165, 198, 187

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 217, 186 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(127, 217, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 217, 186) }
```

Border

The CSS property to change the border of an element to RGB 127, 217, 186 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, 186) }
```

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

```
.border{ border-color:rgb(127, 217, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 217, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 217, 186);  
box-shadow:4px 4px 4px 4px rgb(127, 217,  
186) }
```

Background

The CSS property to change the background color of an element to RGB 127, 217, 186 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, 186) }
```

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

```
.background{ background-color: rgb(127,  
217, 186) }
```

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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