

Converting Colors

RGB(127, 199, 199)

Have a look what the booklet for
RGB(127, 199, 199) contains.

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Color

RGB(127, 199, 199)

Conversions

Conversions Part 1

Format	Color
Hex	7FC7C7
RGB	127, 199, 199
RGB Percent	50%, 78%, 78%
CMY	0.5020, 0.2196, 0.2196
CMYK	0.36, 0.00, 0.00, 0.22
HSL	180°, 39%, 64%
HSV	180°, 36%, 78%
XYZ	39.4846, 49.4824, 61.5028
YIQ	177.4720, -42.9120, -15.2640

Conversions

Conversions Part 2

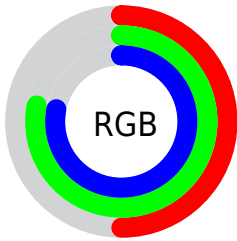
Format	Color
RYB	127, 163, 199
Decimal	8374215
CIELab	75.75, -22.40, -7.14
CIElCh	76, 23.507, 197.671
Yxy	49.4824, 0.2624, 0.3289
Android (android.graphics.Color)	4286564295 (0xFF7FC7C7)
YUV	177.4720, 10.6133, -44.2639
Hunter-Lab	70.3437, -22.9077, -2.5977

Details

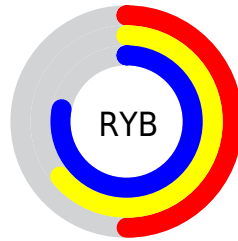
The RGB color **127, 199, 199** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **199, 127, 127**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **183, 255, 255**, and **73, 145, 145** is the 20% darker color. If you saturate the color by 10%, you get **107, 199, 199**, and if you desaturate by 10%, it is **147, 199, 199**.

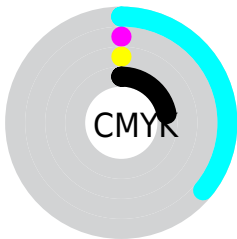
Distribution



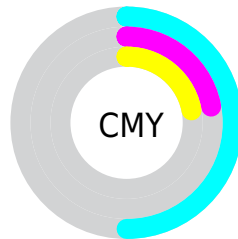
- Red (50%)
- Green (78%)
- Blue (78%)



- Red (50%)
- Yellow (64%)
- Blue (78%)



- Cyan (36%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)



- Cyan (50%)
- Magenta (22%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 127, 199, 199 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, 199, 199 by changing the saturation by 10% instead.


 127, 199, 199

 127, 199, 199


255, 255, 255

 100, 172, 172

 183, 255, 255

 73, 145, 145

 211, 255, 255

 44, 119, 120

 240, 255, 255


 6, 94, 95

 0, 70, 71


 0, 47, 49

 0, 28, 28


 0, 0, 0

 127, 199, 199


 127, 199, 199

 107, 199, 199


 147, 199, 199

 87, 199, 199


 167, 199, 199

 67, 199, 199

 187, 199, 199


 47, 199, 199

 207, 199, 199

 27, 199, 199

 227, 199, 199

 8, 199, 199

 246, 199, 199

 0, 199, 199

 255, 199, 199

Harmonies

Analogous

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



142, 198, 177



127, 199, 199



129, 197, 218

Triad

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



127, 199, 199



206, 177, 216



211, 182, 145

Complementary

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



127, 199, 199



199, 127, 127

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.



227, 175, 156



127, 199, 199



225, 172, 197

Square

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



127, 199, 199



178, 184, 228



232, 172, 174



190, 189, 145

Rectangle

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



127, 199, 199



141, 193, 226



232, 172, 174



217, 180, 147

Sweetspot

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



127, 199, 199



227, 255, 255



127, 199, 127



111, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



127, 199, 199



145, 255, 255



127, 163, 199



90, 99, 99



0, 163, 163



0, 36, 36

Inverse Universe

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



199, 127, 199



255, 145, 255



199, 163, 127



99, 90, 99



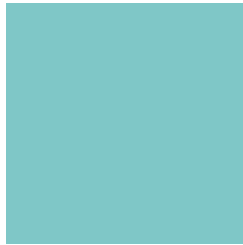
163, 0, 163



36, 0, 36

Previews

White Background



This preview shows how the RGB color 127, 199, 199 looks on a white background.

Color Contrast Check

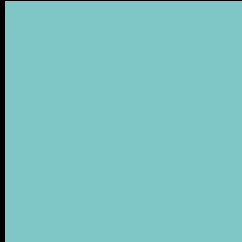
Large Text (above 18pt) WCAG AA × Fail

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, 199, 199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

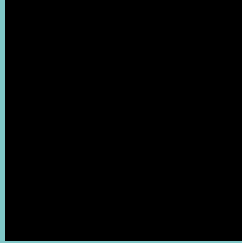
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

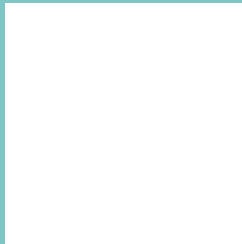
Any Text WCAG AAA ✓ Pass

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

RGB 127, 199, 199 Background



This preview shows how black text looks on a background with the RGB color 127, 199, 199.



This preview shows how white text looks on a background with the RGB color 127, 199, 199.

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
131, 197, 213

Trichromacy



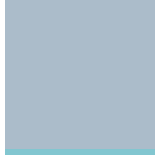
Original Color

127, 199, 199



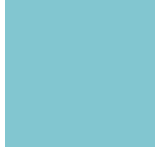
Protanomaly

166, 190, 194



Deuteranomaly

171, 188, 202



Tritanomaly

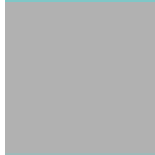
130, 198, 208

Monochromacy



Original Color

127, 199, 199



Achromatopsia

177, 177, 177



Achromatomaly

159, 185, 185

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 199, 199 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, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(127, 199, 199)  
}
```

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, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 199, 199) }
```

Border

The CSS property to change the border of an element to RGB 127, 199, 199 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, 199, 199) }
```

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

```
.border{ border-color:rgb(127, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 199, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 199, 199);  
box-shadow:4px 4px 4px 4px rgb(127, 199,  
199) }
```

Background

The CSS property to change the background color of an element to RGB 127, 199, 199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 199, 199) }
```

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

```
.background{ background-color: rgb(127,  
199, 199) }
```

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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