

Converting Colors

RGB(127, 206, 206)

Have a look what the booklet for
RGB(127, 206, 206) contains.

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Color

RGB(127, 206, 206)

Conversions

Conversions Part 1

Format	Color
Hex	7FCECE
RGB	127, 206, 206
RGB Percent	50%, 81%, 81%
CMY	0.5020, 0.1922, 0.1922
CMYK	0.38, 0.00, 0.00, 0.19
HSL	180°, 45%, 65%
HSV	180°, 38%, 81%
XYZ	41.9643, 53.1109, 66.4322
YIQ	182.3790, -47.0840, -16.7480

Conversions

Conversions Part 2

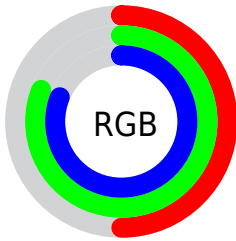
Format	Color
RYB	127, 167, 206
Decimal	8376014
CIELab	77.94, -24.19, -7.66
CIELCh	78, 25.371, 197.582
Yxy	53.1109, 0.2598, 0.3288
Android (android.graphics.Color)	4286566094 (0xFF7FCECE)
YUV	182.3790, 11.6452, -48.5674
Hunter-Lab	72.8772, -24.7509, -3.0325

Details

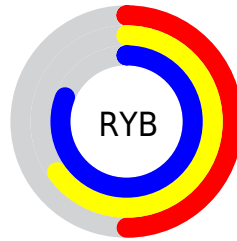
The RGB color **127, 206, 206** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **206, 127, 127**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **183, 255, 255**, and **72, 151, 152** is the 20% darker color. If you saturate the color by 10%, you get **106, 206, 206**, and if you desaturate by 10%, it is **148, 206, 206**.

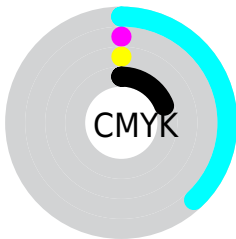
Distribution



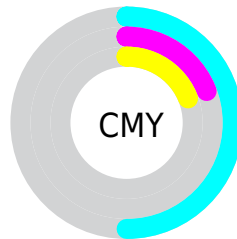
- Red (50%)
- Green (81%)
- Blue (81%)



- Red (50%)
- Yellow (65%)
- Blue (81%)



- Cyan (38%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (50%)
- Magenta (19%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the RGB color 127, 206, 206 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, 206, 206 by changing the saturation by 10% instead.


 127, 206, 206

 127, 206, 206


255, 255, 255

 99, 178, 179

 183, 255, 255

 72, 151, 152

 212, 255, 255

 42, 125, 126

 241, 255, 255

 0, 100, 101

 0, 76, 77

 0, 53, 54

 0, 32, 33

 0, 0, 10

 0, 0, 0

 127, 206, 206

 127, 206, 206

 106, 206, 206

 148, 206, 206

 86, 206, 206

 168, 206, 206

 65, 206, 206

 189, 206, 206

 45, 206, 206

 209, 206, 206

 24, 206, 206

 230, 206, 206

 3, 206, 206

 251, 206, 206

 0, 206, 206

 255, 206, 206

Harmonies

Analogous

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



144, 205, 182



127, 206, 206



129, 203, 227

Triad

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



127, 206, 206



213, 182, 225



219, 188, 147

Complementary

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



127, 206, 206



206, 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.



236, 180, 159



127, 206, 206



234, 177, 203

Square

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



127, 206, 206



183, 190, 237



241, 176, 180



196, 196, 148

Rectangle

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



127, 206, 206



142, 200, 236



241, 176, 180



226, 185, 150

Sweetspot

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



127, 206, 206



224, 255, 255



127, 206, 127



110, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



127, 206, 206



138, 255, 255



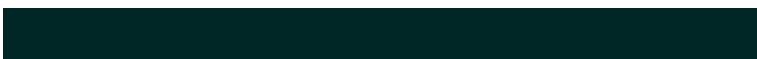
127, 167, 206



92, 102, 102



0, 166, 166



0, 38, 38

Inverse Universe

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



206, 127, 206



255, 138, 255



206, 167, 127



102, 92, 102



166, 0, 166



38, 0, 38

Previews

White Background



This preview shows how the RGB color 127, 206, 206 looks on a white background.

Color Contrast Check

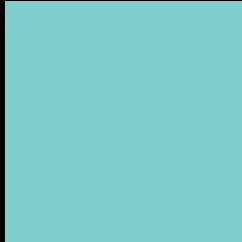
Large Text (above 18pt) WCAG AA × Fail

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, 206, 206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

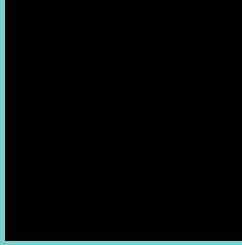
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

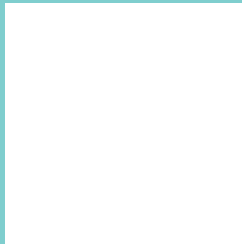
Any Text WCAG AAA ✓ Pass

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

RGB 127, 206, 206 Background



This preview shows how black text looks on a background with the RGB color 127, 206, 206.

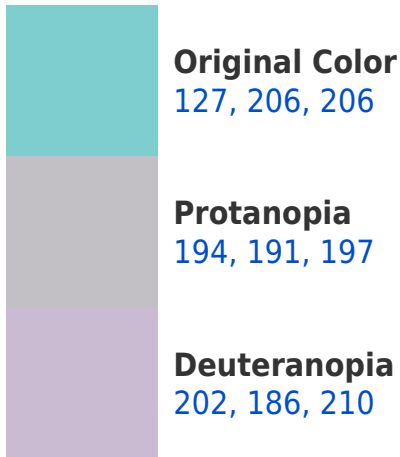


This preview shows how white text looks on a background with the RGB color 127, 206, 206.

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, 204, 220

Trichromacy



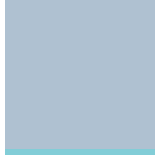
Original Color

127, 206, 206



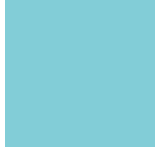
Protanomaly

170, 196, 200



Deuteranomaly

175, 193, 209



Tritanomaly

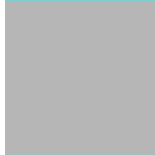
130, 205, 215

Monochromacy



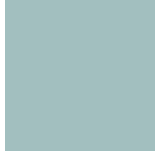
Original Color

127, 206, 206



Achromatopsia

182, 182, 182



Achromatomaly

162, 191, 191

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 206, 206 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, 206, 206)` looks like.

```
.text, #text, p{  
    color:rgb(127, 206, 206)  
}
```

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, 206, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 206, 206) }
```

Border

The CSS property to change the border of an element to RGB 127, 206, 206 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, 206, 206) }
```

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

```
.border{ border-color:rgb(127, 206, 206) }
```

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

Here you see how a box with a 4 pixel rgb(127, 206, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 206, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 206, 206);  
box-shadow:4px 4px 4px 4px rgb(127, 206,  
206) }
```

Background

The CSS property to change the background color of an element to RGB 127, 206, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 206, 206) }
```

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

```
.background{ background-color: rgb(127,  
206, 206) }
```

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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