

Converting Colors

CIELCh(68, 27.171, 203.171)

Have a look what the booklet for
CIELCh(68, 27.171, 203.171)
contains.

CIELCh(68, 27.171, 203.171)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(68, 27.171, 203.171)

Conversions

Conversions Part 1

Format	Color
Hex	5BB3B8
RGB	91, 179, 184
RGB Percent	36%, 70%, 72%
CMY	0.6427, 0.2977, 0.2781
CMYK	0.51, 0.03, 0.00, 0.28
HSL	183°, 40%, 54%
HSV	183°, 51%, 72%
XYZ	29.1249, 37.9720, 51.1939
YIQ	153.2580, -54.0530, -17.1010

Conversions

Conversions Part 2

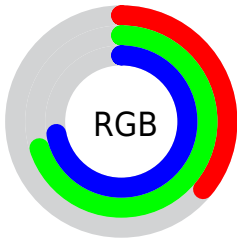
Format	Color
RYB	91, 136, 184
Decimal	6009784
CIELab	68.00, -24.98, -10.69
CIELCh	68, 27.171, 203.171
Yxy	37.9720, 0.2462, 0.3210
Android (android.graphics.Color)	4284199864 (0xFF5BB3B8)
YUV	153.2580, 15.1558, -54.6003
Hunter-Lab	61.6215, -23.4708, -6.1220

Details

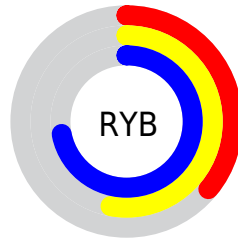
The CIELCh color **68, 27.171, 203.171** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **51, 39.730, 28.585**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 27.109, 203.254**, and **48, 27.227, 202.990** is the 20% darker color. If you saturate the color by 10%, you get **67, 30.639, 203.293**, and if you desaturate by 10%, it is **69, 22.945, 203.176**.

Distribution



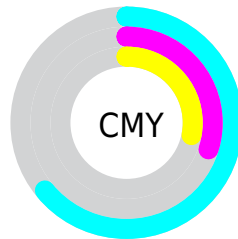
- Red (36%)
- Green (70%)
- Blue (72%)



- Red (36%)
- Yellow (53%)
- Blue (72%)



- Cyan (51%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)





- Cyan (64%)
- Magenta (30%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 27.171, 203.171 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 CIELCh color 68, 27.171, 203.171 by changing the saturation by 10% instead.


 68, 27.171,
203.171


 68, 27.171,
203.171


 100, 27.171,
203.171


 58, 27.171,
203.171


 88, 27.171,
203.171

 48, 27.171,
203.171


 98, 27.171,
203.171

 38, 27.171,
203.171

 28, 27.171,
203.171

 18, 27.171,
203.171

 8, 27.171, 203.171

 0, 27.171, 203.171

68, 27.171,
203.171

68, 27.171,
203.171

67, 30.639,
203.293

69, 22.945,
203.176

66, 33.293,
203.567

70, 18.047,
203.298

66, 35.113,
204.007

72, 12.577,
203.520

65, 36.135,
204.626

73, 6.639, 203.844

65, 36.550,
205.354

75, 0.332, 205.690

76, 6.254, 24.428

78, 13.041, 24.905

80, 19.962, 25.379

82, 26.250, 25.927

Harmonies

Complementary

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



68, 27.171, 203.171



51, 39.730, 28.585

Rectangle

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



68, 27.171, 203.171



68, 27.171, 253.171



68, 27.171, 23.171



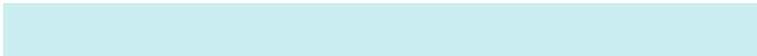
68, 27.171, 73.171

Sweetspot

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



68, 27.171, 203.169



92, 11.584, 203.675



68, 58.689, 141.630



48, 7.849, 203.610



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



68, 27.171, 203.169



85, 37.896, 203.324



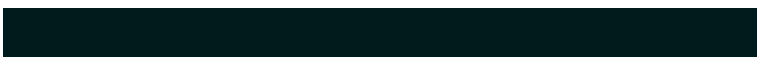
55, 31.292, 270.207



38, 3.581, 203.891



55, 32.298, 205.230



8, 9.677, 205.369

Inverse Universe

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



53, 58.172, 328.662



64, 84.108, 329.202



62, 34.525, 74.028



36, 6.662, 326.410



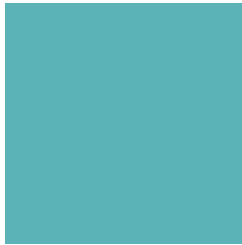
36, 76.635, 330.461



3, 17.824, 326.852

Previews

White Background



This preview shows how the CIELCh color 68, 27.171, 203.171 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 CIELCh color 68, 27.171, 203.171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

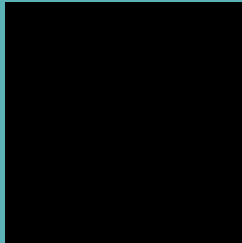
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

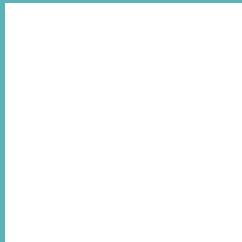
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 27.171, 203.171

Background



This preview shows how black text looks on a background with the CIELCh color 68, 27.171, 203.171.

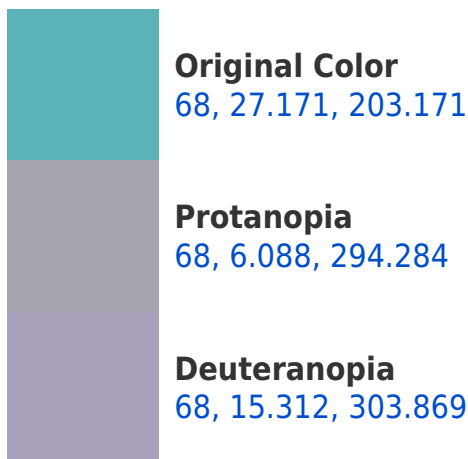


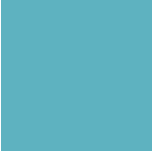
This preview shows how white text looks on a background with the CIELCh color 68, 27.171, 203.171.

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](#).

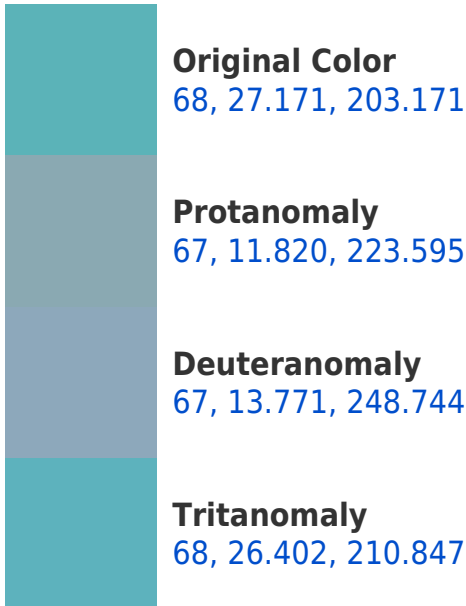
Dichromacy



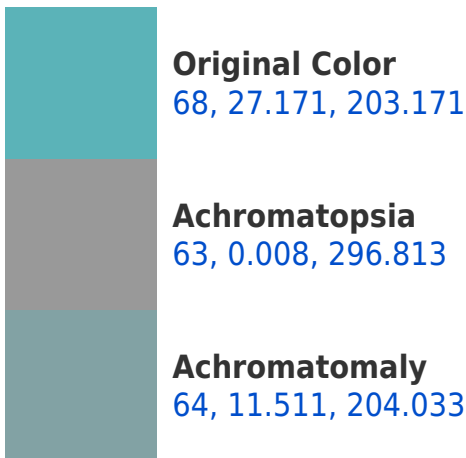


Tritanopia
68, 26.303, 214.732

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 27.171, 203.171 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(91, 179, 184)` looks like.

```
.text, #text, p{  
    color:rgb(91, 179, 184)  
}
```

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(91, 179, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 179, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 27.171, 203.171 is called "border". The border property can be set on classes, ids or directly on the HTML element.

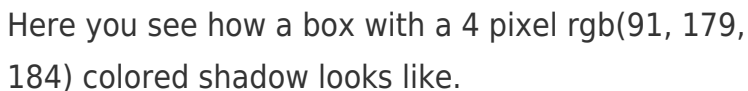
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 179, 184) }
```

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

```
.border{ border-color:rgb(91, 179, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 179, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 179, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 179, 184);  
box-shadow:4px 4px 4px 4px rgb(91, 179,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 27.171, 203.171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 179, 184) }
```

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

```
.background{ background-color: rgb(91, 179,  
184) }
```

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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