

Converting Colors

CIELCh(68, 27.533, 222.176)

Have a look what the booklet for
CIELCh(68, 27.533, 222.176)
contains.

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Color

CIELCh(68, 27.448, 221.474)

Conversions

Conversions Part 1

Format	Color
Hex	5BB2C6
RGB	91, 178, 198
RGB Percent	36%, 70%, 78%
CMY	0.6446, 0.3033, 0.2249
CMYK	0.54, 0.10, 0.00, 0.22
HSL	191°, 48%, 57%
HSV	191°, 54%, 78%
XYZ	30.2840, 37.9720, 58.9494
YIQ	154.2670, -58.2720, -12.2240

Conversions

Conversions Part 2

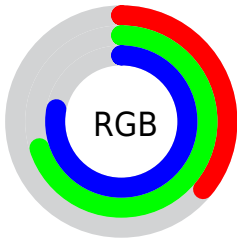
Format	Color
R_{YB}	91, 139, 198
Decimal	6009542
CIE _{Lab}	68.00, -20.57, -18.18
CIE _{LCh}	68, 27.448, 221.474
Yxy	37.9720, 0.2381, 0.2985
Android (android.graphics.Color)	4284199622 (0xFF5BB2C6)
YUV	154.2670, 21.5604, -55.4852
Hunter-Lab	61.6215, -20.1133, -13.5841

Details

The CIELCh color **68, 27.448, 221.474** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **56, 41.695, 38.992**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 27.423, 221.679**, and **48, 27.438, 221.452** is the 20% darker color. If you saturate the color by 10%, you get **66, 30.605, 223.044**, and if you desaturate by 10%, it is **70, 23.573, 220.284**.

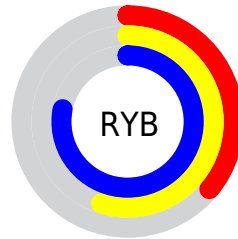
Distribution



Red (36%)

Green (70%)

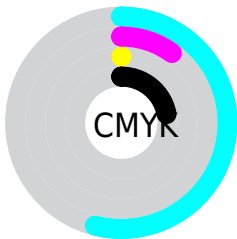
Blue (78%)



Red (36%)

Yellow (55%)

Blue (78%)

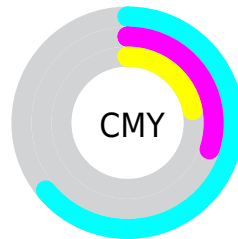


Cyan (54%)

Magenta (10%)

Yellow (0%)

Black (22%)



Cyan (64%)

Magenta (30%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 27.448, 221.474 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, 27.448, 221.474 by changing the saturation by 10% instead.


 68, 27.448,
221.474


 68, 27.448,
221.474


 100, 27.448,
221.474


 58, 27.448,
221.474


 88, 27.448,
221.474

 48, 27.448,
221.474

 98, 27.448,
221.474

 38, 27.448,
221.474

 28, 27.448,
221.474

 18, 27.448,
221.474

 8, 27.448, 221.474

 0, 27.448, 221.474

68, 27.448,
221.474

68, 27.448,
221.474

66, 30.605,
223.044

70, 23.573,
220.284

65, 33.006,
225.078

72, 19.054,
219.409

63, 34.665,
227.652

74, 13.979,
218.788

62, 35.666,
230.825

76, 8.444, 218.379

61, 36.086,
232.874

79, 2.538, 218.248

81, 3.658, 37.728

84, 10.072, 37.755

86, 16.646, 37.781

88, 18.293, 42.452

Harmonies

Complementary

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



68, 27.448, 221.474



56, 41.695, 38.992

Rectangle

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



68, 27.448, 221.474



68, 27.448, 271.474



68, 27.448, 41.474



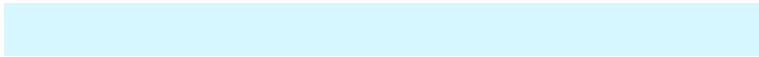
68, 27.448, 91.474

Sweetspot

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



68, 27.447, 221.472



95, 11.677, 218.448



72, 60.370, 145.014



50, 7.835, 218.526



0, 0.000, 0.000



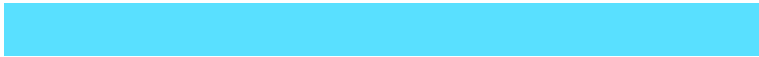
53, 0.007, 296.813

Same Dimension

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



68, 27.447, 221.472



83, 37.680, 223.381



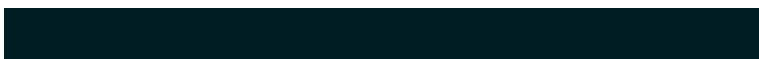
53, 42.821, 282.545



41, 3.446, 218.260



51, 31.280, 232.307



9, 11.210, 223.900

Inverse Universe

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



55, 59.835, 333.617



65, 84.679, 334.477



69, 42.373, 85.304



39, 6.485, 330.617



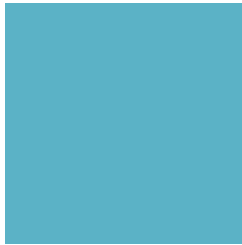
37, 71.662, 337.262



4, 22.712, 334.376

Previews

White Background



This preview shows how the CIELCh color 68, 27.448, 221.474 looks on a white background.

Color Contrast Check

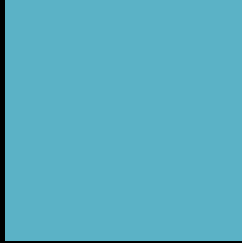
Large Text (above 18pt) WCAG AA × Fail

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, 27.448, 221.474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

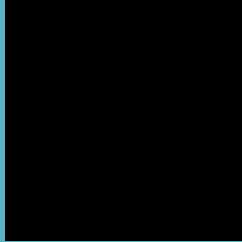
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 27.448, 221.474

Background



This preview shows how black text looks on a background with the CIELCh color 68, 27.448, 221.474.

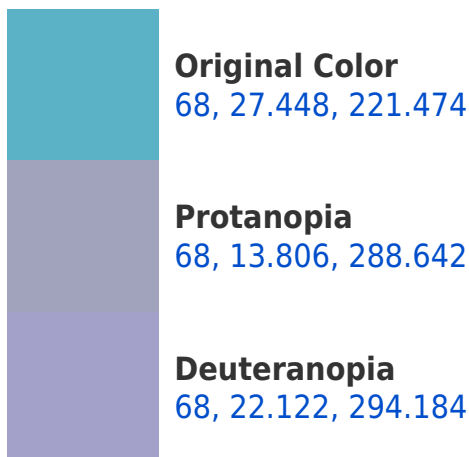


This preview shows how white text looks on a background with the CIELCh color 68, 27.448, 221.474.

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, 27.411, 215.177

Trichromacy



Original Color
68, 27.448, 221.474



Protanomaly
67, 16.935, 250.650



Deuteranomaly
67, 20.366, 262.996



Tritanomaly
68, 27.349, 217.732

Monochromacy



Original Color
68, 27.448, 221.474



Achromatopsia
64, 0.008, 296.813



Achromatomaly
65, 11.853, 217.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 27.448, 221.474 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, 178, 198)` looks like.

```
.text, #text, p{  
    color:rgb(91, 178, 198)  
}
```

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, 178, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 178, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 27.448, 221.474 is called "border". The border property can be set on classes, ids or directly on the HTML element.

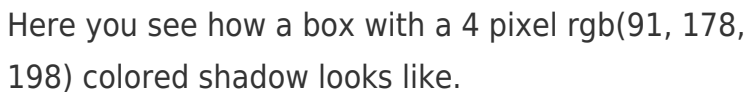
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 178, 198) }
```

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

```
.border{ border-color:rgb(91, 178, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 178, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(91, 178, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(91, 178, 198); box-shadow:4px 4px 4px 4px rgb(91, 178, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 27.448, 221.474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 178, 198) }
```

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

```
.background{ background-color: rgb(91, 178,  
198) }
```

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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