

Converting Colors

CIELCh(68, 25.947, 211.126)

Have a look what the booklet for
CIELCh(68, 25.947, 211.126)
contains.

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Color

CIELCh(68, 25.956, 211.112)

Conversions

Conversions Part 1

Format	Color
Hex	5FB2BD
RGB	95, 178, 189
RGB Percent	37%, 70%, 74%
CMY	0.6272, 0.3018, 0.2586
CMYK	0.50, 0.06, 0.00, 0.26
HSL	187°, 42%, 56%
HSV	187°, 50%, 74%
XYZ	29.8454, 37.9720, 53.9279
YIQ	154.4370, -52.9990, -14.1750

Conversions

Conversions Part 2

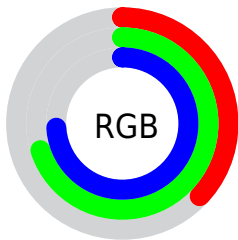
Format	Color
RYB	95, 139, 189
Decimal	6271677
CIELab	68.00, -22.22, -13.41
CIELCh	68, 25.956, 211.112
Yxy	37.9720, 0.2451, 0.3119
Android (android.graphics.Color)	4284461757 (0xFF5FB2BD)
YUV	154.4370, 17.0396, -52.1262
Hunter-Lab	61.6215, -21.3839, -8.7525

Details

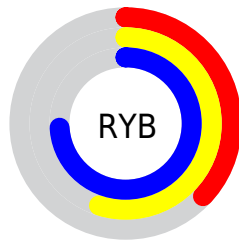
The CIELCh color **68, 25.956, 211.112** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **54, 38.022, 33.033**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 25.849, 210.776**, and **48, 25.943, 211.601** is the 20% darker color. If you saturate the color by 10%, you get **67, 29.366, 211.791**, and if you desaturate by 10%, it is **69, 21.816, 210.657**.

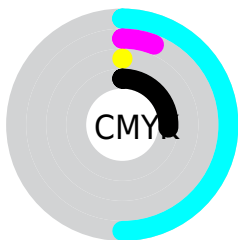
Distribution



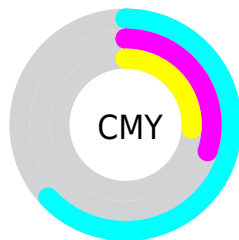
- Red (37%)
- Green (70%)
- Blue (74%)



- Red (37%)
- Yellow (55%)
- Blue (74%)



- Cyan (50%)
- Magenta (6%)
- Yellow (0%)
- Black (26%)





- Cyan (63%)
- Magenta (30%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 25.956, 211.112 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, 25.956, 211.112 by changing the saturation by 10% instead.


 68, 25.956,
211.112


 68, 25.956,
211.112


 100, 25.956,
211.112


 58, 25.956,
211.112


 88, 25.956,
211.112

 48, 25.956,
211.112

 98, 25.956,
211.112

 38, 25.956,
211.112

 28, 25.956,
211.112

 18, 25.956,
211.112

 8, 25.956, 211.112

 0, 25.956, 211.112

68, 25.956,
211.112

68, 25.956,
211.112

67, 29.366,
211.791

69, 21.816,
210.657

66, 31.984,
212.747

71, 17.035,
210.395

64, 33.787,
214.023

73, 11.711,
210.290

64, 34.807,
215.666

75, 5.943, 210.337

77, 0.176, 27.314

63, 35.226,
217.649

79, 6.561, 30.434

63, 35.236,
217.706

81, 13.143, 30.701

83, 19.862, 30.982

85, 22.668, 32.796

Harmonies

Complementary

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



68, 25.956, 211.112



54, 38.022, 33.033

Rectangle

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



68, 25.956, 211.112



68, 25.956, 261.112



68, 25.956, 31.112



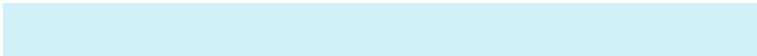
68, 25.956, 81.112

Sweetspot

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



68, 25.956, 211.110



93, 11.142, 210.291



69, 56.485, 143.563



49, 7.551, 210.287



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



68, 25.956, 211.110



84, 36.103, 211.894



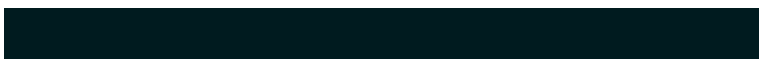
54, 34.446, 276.139



39, 3.464, 210.342



53, 30.898, 217.382



8, 10.042, 213.900

Inverse Universe

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



54, 56.165, 330.721



65, 80.939, 331.367



65, 35.893, 80.290



37, 6.522, 328.309



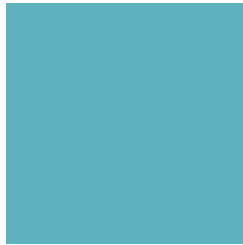
36, 73.843, 333.445



3, 19.144, 330.032

Previews

White Background



This preview shows how the CIELCh color 68, 25.956, 211.112 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 CIE LCh color 68, 25.956, 211.112 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

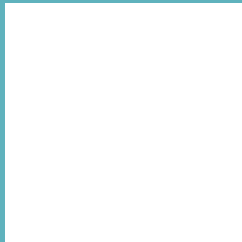
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 25.956, 211.112

Background



This preview shows how black text looks on a background with the CIELCh color 68, 25.956, 211.112.



This preview shows how white text looks on a background with the CIELCh color 68, 25.956, 211.112.

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



Original Color
68, 25.956, 211.112

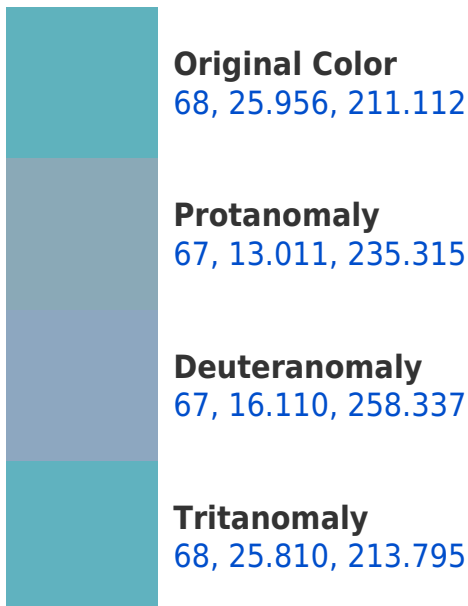
Protanopia
68, 8.829, 288.726

Deuteranopia
68, 17.845, 298.779



Tritanopia
68, 25.867, 215.061

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 25.956, 211.112 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(95, 178, 189)` looks like.

```
.text, #text, p{  
    color:rgb(95, 178, 189)  
}
```

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(95, 178, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 178, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 25.956, 211.112 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(95, 178, 189) }
```

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

```
.border{ border-color:rgb(95, 178, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 178, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 178, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 178, 189);  
box-shadow:4px 4px 4px 4px rgb(95, 178,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 25.956, 211.112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 178, 189) }
```

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

```
.background{ background-color: rgb(95, 178,  
189) }
```

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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