

Converting Colors

CIELCh(68, 25.690, 208.705)

Have a look what the booklet for
CIELCh(68, 25.690, 208.705)
contains.

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Color

CIELCh(68, 25.698, 208.695)

Conversions

Conversions Part 1

Format	Color
Hex	60B2BB
RGB	96, 178, 187
RGB Percent	38%, 70%, 73%
CMY	0.6230, 0.3015, 0.2662
CMYK	0.49, 0.05, 0.00, 0.27
HSL	186°, 40%, 56%
HSV	186°, 49%, 73%
XYZ	29.7613, 37.9720, 52.8383
YIQ	154.5080, -51.7610, -14.5850

Conversions

Conversions Part 2

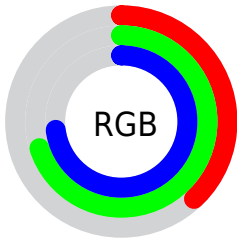
Format	Color
RYB	96, 139, 187
Decimal	6337211
CIELab	68.00, -22.54, -12.34
CIELCh	68, 25.698, 208.695
Yxy	37.9720, 0.2468, 0.3149
Android (android.graphics.Color)	4284527291 (0xFF60B2BB)
YUV	154.5080, 16.0186, -51.3115
Hunter-Lab	61.6215, -21.6276, -7.7042

Details

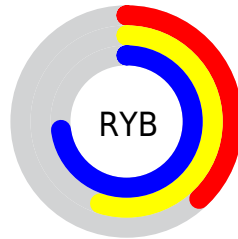
The CIELCh color **68, 25.698, 208.695** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **54, 37.217, 31.528**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 25.794, 208.392**, and **48, 25.703, 208.979** is the 20% darker color. If you saturate the color by 10%, you get **67, 29.207, 209.178**, and if you desaturate by 10%, it is **69, 21.461, 208.403**.

Distribution



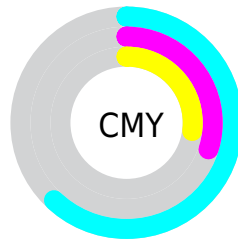
- Red (38%)
- Green (70%)
- Blue (73%)



- Red (38%)
- Yellow (55%)
- Blue (73%)



- Cyan (49%)
- Magenta (5%)
- Yellow (0%)
- Black (27%)




- Cyan (62%)
- Magenta (30%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 25.698, 208.695 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, 25.698, 208.695 by changing the saturation by 10% instead.

 68, 25.698,
208.695


 68, 25.698,
208.695


 100, 25.698,
208.695


 58, 25.698,
208.695


 88, 25.698,
208.695

 48, 25.698,
208.695

 98, 25.698,
208.695

 38, 25.698,
208.695

 28, 25.698,
208.695

 18, 25.698,
208.695

 8, 25.698, 208.695

 0, 25.698, 208.695

68, 25.698,
208.695

68, 25.698,
208.695

67, 29.207,
209.178

69, 21.461,
208.403

66, 31.923,
209.894

71, 16.588,
208.275

65, 33.817,
210.880

73, 11.176,
208.286

64, 34.912,
212.171

74, 5.327, 208.438

63, 35.351,
213.763

76, 0.866, 27.910

63, 35.397,
213.988

78, 7.319, 28.695

80, 13.961, 29.023

83, 20.732, 29.364

84, 23.818, 30.777

Harmonies

Complementary

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



68, 25.698, 208.695



54, 37.217, 31.528

Rectangle

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



68, 25.698, 208.695



68, 25.698, 258.695



68, 25.698, 28.695



68, 25.698, 78.695

Sweetspot

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



68, 25.698, 208.693



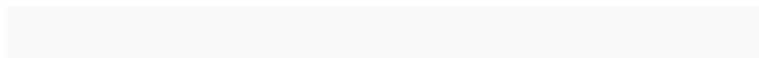
92, 11.215, 208.320



69, 56.153, 142.745



49, 7.664, 208.297



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, 25.698, 208.693



84, 35.569, 209.196



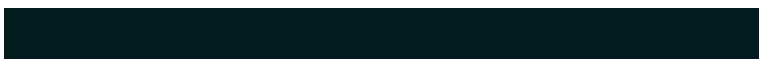
55, 31.921, 272.899



39, 3.516, 208.420



54, 31.280, 213.737



8, 10.249, 210.818

Inverse Universe

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



54, 55.276, 330.037



65, 79.098, 330.601



64, 34.127, 77.423



37, 6.605, 327.748



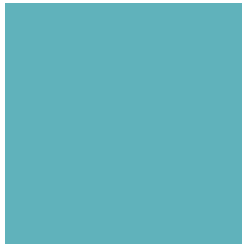
36, 74.883, 332.549



3, 19.493, 329.228

Previews

White Background



This preview shows how the CIELCh color 68, 25.698, 208.695 looks on a white background.

Color Contrast Check

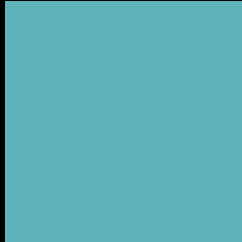
Large Text (above 18pt) WCAG AA × Fail

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, 25.698, 208.695 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, 25.698, 208.695

Background



This preview shows how black text looks on a background with the CIELCh color 68, 25.698, 208.695.



This preview shows how white text looks on a background with the CIELCh color 68, 25.698, 208.695.

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, 25.698, 208.695

Protanopia
68, 7.725, 290.974

Deuteranopia
68, 16.803, 300.365

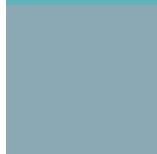


Tritanopia
68, 25.267, 216.897

Trichromacy



Original Color
68, 25.698, 208.695



Protanomaly
67, 12.200, 231.728



Deuteranomaly
67, 15.057, 256.841

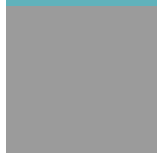


Tritanomaly
68, 25.353, 214.139

Monochromacy



Original Color
68, 25.698, 208.695



Achromatopsia
64, 0.008, 296.813



Achromatomaly
65, 10.577, 210.765

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 25.698, 208.695 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(96, 178, 187)` looks like.

```
.text, #text, p{  
    color:rgb(96, 178, 187)  
}
```

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(96, 178, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 178, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 25.698, 208.695 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(96, 178, 187) }
```

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

```
.border{ border-color:rgb(96, 178, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 178, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 178, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 178, 187);  
box-shadow:4px 4px 4px 4px rgb(96, 178,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 25.698, 208.695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 178, 187) }
```

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

```
.background{ background-color: rgb(96, 178,  
187) }
```

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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