

Converting Colors

CIELCh(69, 16.112, 198.194)

Have a look what the booklet for
CIELCh(69, 16.112, 198.194)
contains.

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Color

CIELCh(69, 16.311, 198.096)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 82B1B1 |
| RGB | 130, 177, 177 |
| RGB Percent | 51%, 69%, 69% |
| CMY | 0.4903, 0.3060, 0.3060 |
| CMYK | 0.27, 0.00, 0.00, 0.31 |
| HSL | 180°, 23%, 60% |
| HSV | 180°, 27%, 69% |
| XYZ | 32.8463, 39.3444, 47.4376 |
| YIQ | 162.9470, -28.0120, -9.9640 |

Conversions

Conversions Part 2

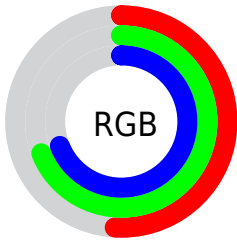
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 130, 154, 177 |
| Decimal | 8565169 |
| CIELab | 69.00, -15.50, -5.07 |
| CIElCh | 69, 16.311, 198.096 |
| Yxy | 39.3444, 0.2746, 0.3289 |
| Android (android.graphics.Color) | 4286755249 (0xFF82B1B1) |
| YUV | 162.9470, 6.9281, -28.8945 |
| Hunter-Lab | 62.7251, -16.2967, -0.9322 |

Details

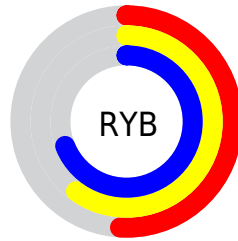
The CIELCh color **69, 16.311, 198.096** is a light color, and the websafe version is hex **669999**. A complement of this color would be **59, 19.464, 21.467**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 16.439, 198.339**, and **49, 16.113, 197.723** is the 20% darker color. If you saturate the color by 10%, you get **68, 21.582, 197.663**, and if you desaturate by 10%, it is **70, 10.507, 198.579**.

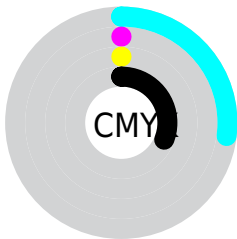
Distribution



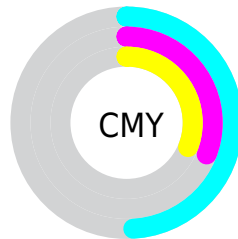
- Red (51%)
- Green (69%)
- Blue (69%)



- Red (51%)
- Yellow (60%)
- Blue (69%)



- Cyan (27%)
- Magenta (0%)
- Yellow (0%)
- Black (31%)





- Cyan (49%)
- Magenta (31%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 16.311, 198.096 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 69, 16.311, 198.096 by changing the saturation by 10% instead.


 69, 16.311,
198.096


 69, 16.311,
198.096


 100, 16.311,
198.096


 59, 16.311,
198.096


 89, 16.311,
198.096


 49, 16.311,
198.096


 99, 16.311,
198.096

 39, 16.311,
198.096

 29, 16.311,
198.096

 19, 16.311,
198.096

 9, 16.311, 198.096

 0, 16.311, 198.096

69, 16.311,
198.096

69, 16.311,
198.096

68, 21.582,
197.663

70, 10.507,
198.579

67, 26.218,
197.295

71, 4.273, 199.163

73, 2.291, 19.374

67, 30.130,
196.989

74, 9.095, 20.115

66, 33.256,
196.748

76, 16.062, 20.736

66, 35.568,
196.572

78, 23.129, 21.356

79, 30.242, 21.979

66, 37.083,
196.456

80, 30.709, 22.019

65, 37.893,
196.395

80, 30.709, 22.018

65, 38.103,

Harmonies

Complementary

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



69, 16.311, 198.096



59, 19.464, 21.467

Rectangle

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



69, 16.311, 198.096



69, 16.311, 248.096



69, 16.311, 18.096



69, 16.311, 68.096

Sweetspot

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



69, 16.311, 198.092



90, 6.414, 199.057



68, 31.381, 142.268



47, 4.537, 198.965



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 16.311, 198.092



87, 23.730, 197.828



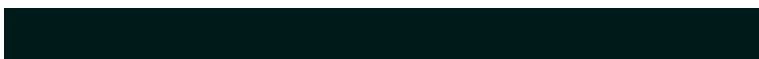
63, 14.981, 257.530



37, 3.691, 198.983



57, 34.228, 196.379



7, 9.138, 199.096

Inverse Universe

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



59, 19.464, 21.467



72, 29.615, 22.176



65, 16.211, 70.401



35, 3.911, 19.908



31, 70.928, 39.524



2, 9.156, 19.402

Previews

White Background



This preview shows how the CIE LCh color 69, 16.311, 198.096 looks on a white background.

Color Contrast Check

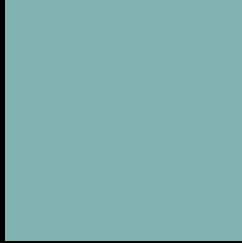
Large Text (above 18pt) WCAG AA × Fail

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 69, 16.311, 198.096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

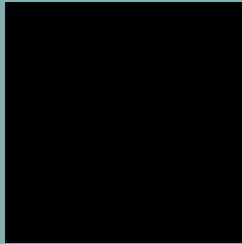
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

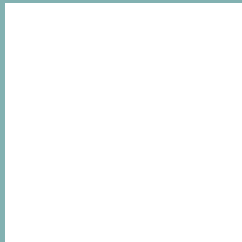
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 16.311, 198.096

Background



This preview shows how black text looks on a background with the CIELCh color 69, 16.311, 198.096.

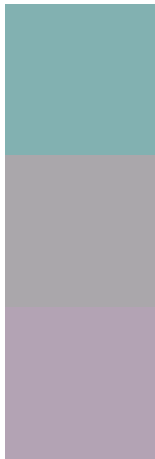


This preview shows how white text looks on a background with the CIELCh color 69, 16.311, 198.096.

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
69, 16.311, 198.096

Protanopia
69, 2.489, 317.323

Deuteranopia
69, 11.132, 323.313



Tritanopia
69, 15.881, 227.565

Trichromacy



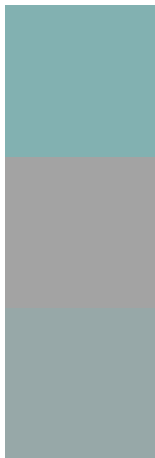
Original Color
69, 16.311, 198.096

Protanomaly
69, 5.937, 209.694

Deuteranomaly
69, 6.515, 267.792

Tritanomaly
69, 15.624, 216.848

Monochromacy



Original Color
69, 16.311, 198.096

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 6.264, 198.941

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 16.311, 198.096 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(130, 177, 177)` looks like.

```
.text, #text, p{  
    color:rgb(130, 177, 177)  
}
```

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(130, 177, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 177, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 16.311, 198.096 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(130, 177, 177) }
```

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

```
.border{ border-color:rgb(130, 177, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 177, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 177, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 177, 177);  
box-shadow:4px 4px 4px 4px rgb(130, 177,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 16.311, 198.096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 177, 177) }
```

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

```
.background{ background-color: rgb(130,  
177, 177) }
```

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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