

Converting Colors

CIELCh(69, 30.757, 167.936)

Have a look what the booklet for
CIELCh(69, 30.757, 167.936)
contains.

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Color

CIELCh(69, 30.606, 167.956)

Conversions

Conversions Part 1

Format	Color
Hex	6BB79C
RGB	107, 183, 156
RGB Percent	42%, 72%, 61%
CMY	0.5808, 0.2827, 0.3886
CMYK	0.42, 0.00, 0.15, 0.28
HSL	159°, 35%, 57%
HSV	159°, 42%, 72%
XYZ	28.9587, 39.3444, 37.4794
YIQ	157.1980, -36.6290, -24.5090

Conversions

Conversions Part 2

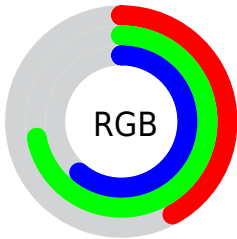
Format	Color
RYB	107, 153, 183
Decimal	7059356
CIELab	69.00, -29.93, 6.39
CIELCh	69, 30.606, 167.956
Yxy	39.3444, 0.2738, 0.3719
Android (android.graphics.Color)	4285249436 (0xFF6BB79C)
YUV	157.1980, -0.5906, -44.0236
Hunter-Lab	62.7251, -27.3598, 8.4807

Details

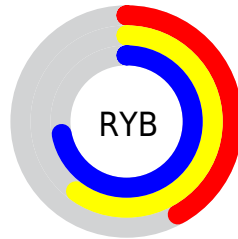
The CIELCh color **69, 30.606, 167.956** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **54, 33.774, 357.104**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 30.465, 167.648**, and **49, 30.812, 167.823** is the 20% darker color. If you saturate the color by 10%, you get **68, 37.074, 166.632**, and if you desaturate by 10%, it is **70, 23.661, 169.148**.

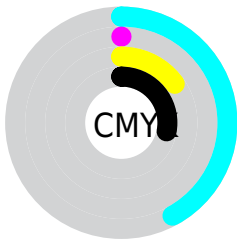
Distribution



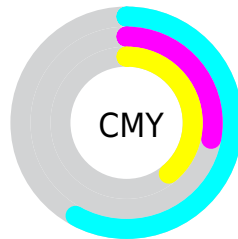
- Red (42%)
- Green (72%)
- Blue (61%)



- Red (42%)
- Yellow (60%)
- Blue (72%)



- Cyan (42%)
- Magenta (0%)
- Yellow (15%)
- Black (28%)





- Cyan (58%)
- Magenta (28%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 30.606, 167.956 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, 30.606, 167.956 by changing the saturation by 10% instead.


 69, 30.606,
167.956


 69, 30.606,
167.956


 100, 30.606,
167.956


 59, 30.606,
167.956


 89, 30.606,
167.956

 49, 30.606,
167.956

 99, 30.606,
167.956

 39, 30.606,
167.956

 29, 30.606,
167.956

 19, 30.606,
167.956

 9, 30.606, 167.956

 0, 30.606, 167.956

69, 30.606,
167.956

69, 30.606,
167.956

68, 37.074,
166.632

70, 23.661,
169.148

67, 42.944,
165.154

71, 16.365,
170.235

67, 48.119,
163.498

73, 8.837, 171.246

66, 52.544,
161.643

74, 1.186, 172.472

76, 6.499, 352.894

66, 56.226,
159.584

78, 14.148,
353.727

66, 58.915,
157.759

79, 21.705,
354.488

81, 29.133,
355.205

■ 82, 31.105,
350.032

Harmonies

Complementary

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



69, 30.606, 167.956



54, 33.774, 357.104

Rectangle

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



69, 30.606, 167.956



69, 30.606, 217.956



69, 30.606, 347.956



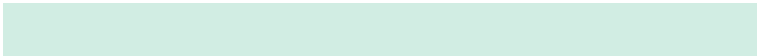
69, 30.606, 37.956

Sweetspot

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



69, 30.607, 167.955



92, 11.335, 171.182



69, 44.950, 131.634



49, 7.574, 171.053



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 30.607, 167.955



86, 44.495, 166.732



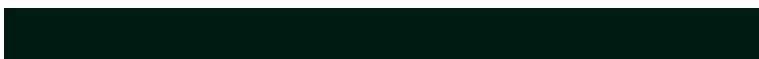
67, 21.772, 212.812



38, 4.352, 171.465



57, 51.993, 158.067



8, 13.029, 164.901

Inverse Universe

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



54, 33.774, 357.104



65, 50.087, 358.741



56, 29.613, 33.546



36, 4.449, 353.051



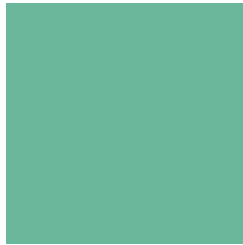
32, 59.130, 15.172



2, 11.422, 358.809

Previews

White Background



This preview shows how the CIE LCh color 69, 30.606, 167.956 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 69, 30.606, 167.956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

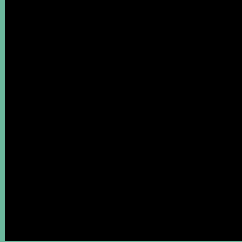
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 30.606, 167.956

Background



This preview shows how black text looks on a background with the CIELCh color 69, 30.606, 167.956.

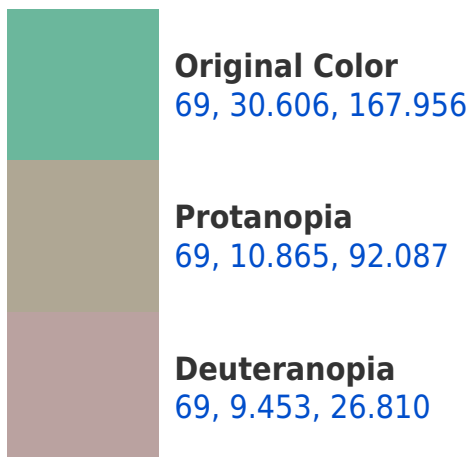


This preview shows how white text looks on a background with the CIELCh color 69, 30.606, 167.956.

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
69, 21.116, 219.486

Trichromacy



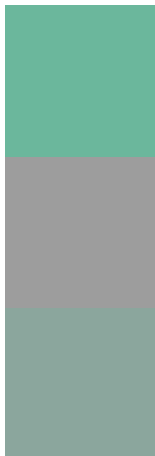
Original Color
69, 30.606, 167.956

Protanomaly
68, 15.009, 144.834

Deuteranomaly
68, 7.847, 148.533

Tritanomaly
69, 22.299, 196.203

Monochromacy



Original Color
69, 30.606, 167.956

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 11.300, 172.226

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 30.606, 167.956 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(107, 183, 156)` looks like.

```
.text, #text, p{  
    color:rgb(107, 183, 156)  
}
```

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(107, 183, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 183, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 30.606, 167.956 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(107, 183, 156) }
```

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

```
.border{ border-color:rgb(107, 183, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 183, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 183, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 183, 156);  
box-shadow:4px 4px 4px 4px rgb(107, 183,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 30.606, 167.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 183, 156) }
```

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

```
.background{ background-color: rgb(107,  
183, 156) }
```

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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