

Converting Colors

CIELCh(67, 17.177, 225.096)

Have a look what the booklet for
CIELCh(67, 17.177, 225.096)
contains.

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Color

CIELCh(67, 16.988, 225.577)

Conversions

Conversions Part 1

Format	Color
Hex	7CAAB8
RGB	124, 170, 184
RGB Percent	49%, 67%, 72%
CMY	0.5126, 0.3322, 0.2773
CMYK	0.33, 0.08, 0.00, 0.28
HSL	194°, 30%, 61%
HSV	194°, 33%, 72%
XYZ	31.4600, 36.6320, 50.9153
YIQ	157.8420, -31.9100, -5.3980

Conversions

Conversions Part 2

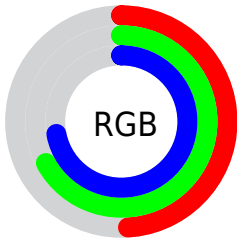
Format	Color
RYB	124, 150, 184
Decimal	8170168
CIELab	67.00, -11.89, -12.13
CIElCh	67, 16.988, 225.577
Yxy	36.6320, 0.2644, 0.3078
Android (android.graphics.Color)	4286360248 (0xFF7CAAB8)
YUV	157.8420, 12.8959, -29.6794
Hunter-Lab	60.5244, -13.1349, -7.5099

Details

The CIELCh color **67, 16.988, 225.577** is a light color, and the websafe version is hex **669999**. A complement of this color would be **62, 21.138, 42.618**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 17.030, 226.142**, and **47, 17.046, 225.019** is the 20% darker color. If you saturate the color by 10%, you get **65, 21.344, 226.742**, and if you desaturate by 10%, it is **69, 12.169, 224.695**.

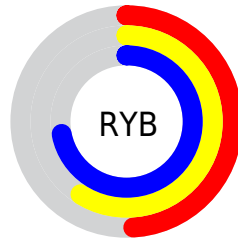
Distribution



Red (49%)

Green (67%)

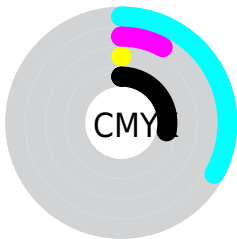
Blue (72%)



Red (49%)

Yellow (59%)

Blue (72%)

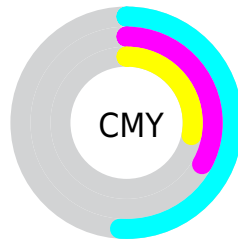


Cyan (33%)

Magenta (8%)

Yellow (0%)

Black (28%)



Cyan (51%)


Magenta (33%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 16.988, 225.577 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 67, 16.988, 225.577 by changing the saturation by 10% instead.


 67, 16.988,
225.577


 67, 16.988,
225.577


 100, 16.988,
225.577


 57, 16.988,
225.577


 87, 16.988,
225.577

 47, 16.988,
225.577

 97, 16.988,
225.577

 37, 16.988,
225.577

 27, 16.988,
225.577

 17, 16.988,
225.577

 7, 16.988, 225.577

 0, 16.988, 225.577

67, 16.988,
225.577

67, 16.988,
225.577

65, 21.344,
226.742

69, 12.169,
224.695

63, 25.161,
228.271

72, 6.966, 224.063

61, 28.378,
230.240

74, 1.456, 223.850

77, 4.294, 43.043

59, 30.962,
232.740

79, 10.226, 42.872

57, 32.929,
235.853

82, 16.291, 42.735

85, 22.448, 42.653

56, 34.362,
239.633

86, 22.533, 48.591

55, 35.244,
242.742

87, 22.286, 55.368

Harmonies

Complementary

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



67, 16.988, 225.577



62, 21.138, 42.618

Rectangle

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



67, 16.988, 225.577



67, 16.988, 275.577



67, 16.988, 45.577



67, 16.988, 95.577

Sweetspot

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



67, 16.988, 225.573



92, 6.907, 223.949



70, 34.245, 148.595



48, 4.693, 224.013



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 16.988, 225.573



83, 24.513, 226.367



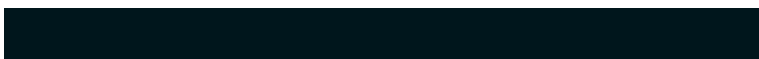
59, 24.816, 279.849



38, 3.157, 223.913



46, 31.012, 242.103



6, 8.515, 234.822

Inverse Universe

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



60, 34.026, 333.885



72, 50.195, 334.403



69, 24.515, 90.872



36, 5.873, 332.282



35, 66.913, 340.058



3, 14.915, 335.671

Previews

White Background



This preview shows how the CIELCh color 67, 16.988, 225.577 looks on a white background.

Color Contrast Check

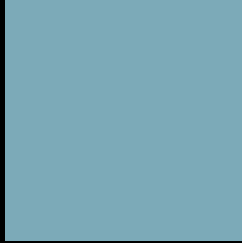
Large Text (above 18pt) WCAG AA × Fail

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 67, 16.988, 225.577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

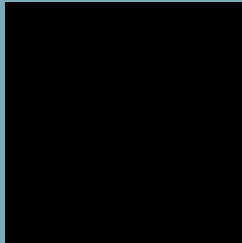
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 16.988, 225.577

Background



This preview shows how black text looks on a background with the CIELCh color 67, 16.988, 225.577.

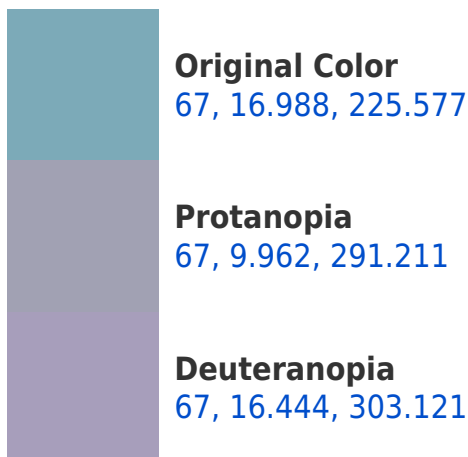


This preview shows how white text looks on a background with the CIELCh color 67, 16.988, 225.577.

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
67, 16.988, 225.577

Trichromacy



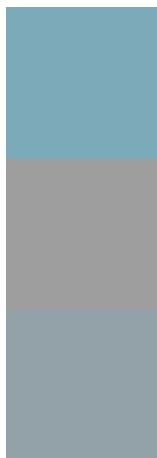
Original Color
67, 16.988, 225.577

Protanomaly
67, 10.839, 259.625

Deuteranomaly
66, 13.732, 275.226

Tritanomaly
67, 16.988, 225.577

Monochromacy



Original Color
67, 16.988, 225.577

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 6.657, 229.110

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 16.988, 225.577 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(124, 170, 184)` looks like.

```
.text, #text, p{  
    color:rgb(124, 170, 184)  
}
```

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(124, 170, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 170, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 16.988, 225.577 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(124, 170, 184) }
```

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

```
.border{ border-color:rgb(124, 170, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 170, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 170, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 170, 184);  
box-shadow:4px 4px 4px 4px rgb(124, 170,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 16.988, 225.577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 170, 184) }
```

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

```
.background{ background-color: rgb(124,  
170, 184) }
```

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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