

Converting Colors

CIELCh(67, 16.080, 198.437)

Have a look what the booklet for
CIELCh(67, 16.080, 198.437)
contains.

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Color

CIELCh(67, 15.996, 200.090)

Conversions

Conversions Part 1

Format	Color
Hex	7DABAC
RGB	125, 171, 172
RGB Percent	49%, 67%, 67%
CMY	0.5085, 0.3281, 0.3241
CMYK	0.27, 0.01, 0.00, 0.32
HSL	181°, 22%, 58%
HSV	181°, 27%, 68%
XYZ	30.6131, 36.6320, 44.6590
YIQ	157.3600, -27.7370, -9.4410

Conversions

Conversions Part 2

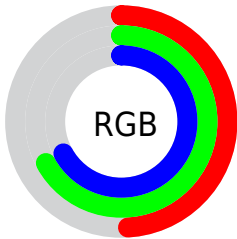
Format	Color
RYB	125, 148, 172
Decimal	8235948
CIELab	67.00, -15.02, -5.49
CIElCh	67, 15.996, 200.090
Yxy	36.6320, 0.2736, 0.3274
Android (android.graphics.Color)	4286426028 (0xFF7DABAC)
YUV	157.3600, 7.2175, -28.3797
Hunter-Lab	60.5244, -15.6327, -1.3812

Details

The CIELCh color **67, 15.996, 200.090** is a light color, and the websafe version is hex **669999**. A complement of this color would be **57, 19.223, 23.137**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 15.834, 200.268**, and **47, 16.064, 199.820** is the 20% darker color. If you saturate the color by 10%, you get **66, 20.999, 199.762**, and if you desaturate by 10%, it is **68, 10.474, 200.482**.

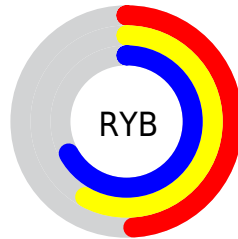
Distribution



Red (49%)

Green (67%)

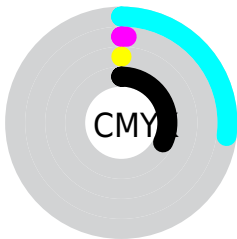
Blue (67%)



Red (49%)

Yellow (58%)

Blue (67%)

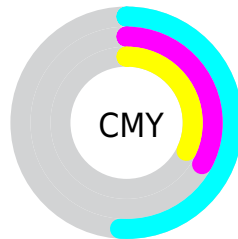


Cyan (27%)

Magenta (1%)

Yellow (0%)

Black (32%)



Cyan (51%)


Magenta (33%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 15.996, 200.090 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, 15.996, 200.090 by changing the saturation by 10% instead.


 67, 15.996,
200.090


 67, 15.996,
200.090


 100, 15.996,
200.090


 57, 15.996,
200.090


 87, 15.996,
200.090

 47, 15.996,
200.090

 97, 15.996,
200.090

 37, 15.996,
200.090

 27, 15.996,
200.090

 17, 15.996,
200.090

 7, 15.996, 200.090

 0, 15.996, 200.090

67, 15.996,
200.090

67, 15.996,
200.090

66, 20.999,
199.762

68, 10.474,
200.482

65, 25.384,
199.516

69, 4.532, 200.978

71, 1.736, 21.060

64, 29.066,
199.355

72, 8.244, 21.797

64, 31.982,
199.286

74, 14.918, 22.360

63, 34.106,
199.316

76, 21.697, 22.924

78, 28.532, 23.494

63, 35.454,
199.446

79, 32.058, 23.949

63, 36.129,
199.670

79, 31.931, 24.278

63, 36.271,

Harmonies

Complementary

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



67, 15.996, 200.090



57, 19.223, 23.137

Rectangle

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



67, 15.996, 200.090



67, 15.996, 250.090



67, 15.996, 20.090



67, 15.996, 70.090

Sweetspot

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



67, 15.996, 200.086



88, 6.164, 200.927



66, 31.351, 143.050



46, 4.359, 200.846



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 15.996, 200.086



84, 23.407, 199.873



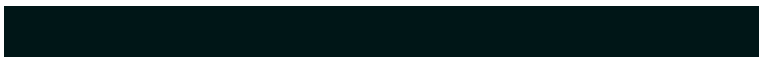
60, 15.540, 261.344



36, 3.526, 200.862



55, 32.830, 199.699



6, 7.561, 202.115

Inverse Universe

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



59, 31.263, 326.485



72, 46.747, 326.820



63, 16.595, 73.808



34, 6.496, 325.495



35, 76.698, 329.079



2, 13.564, 325.284

Previews

White Background



This preview shows how the CIE LCh color 67, 15.996, 200.090 looks on a white background.

Color Contrast Check

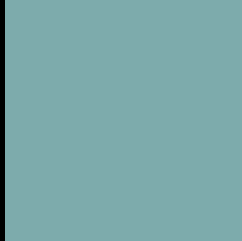
Large Text (above 18pt) WCAG AA × Fail

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 67, 15.996, 200.090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

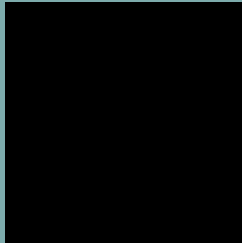
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 15.996, 200.090

Background



This preview shows how black text looks on a background with the CIELCh color 67, 15.996, 200.090.

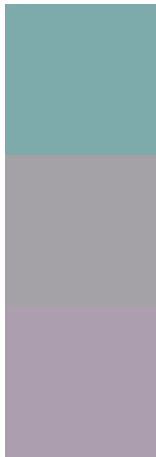


This preview shows how white text looks on a background with the CIELCh color 67, 15.996, 200.090.

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
67, 15.996, 200.090

Protanopia
67, 2.880, 305.619

Deuteranopia
67, 10.996, 321.652



Tritanopia
67, 15.718, 225.739

Trichromacy



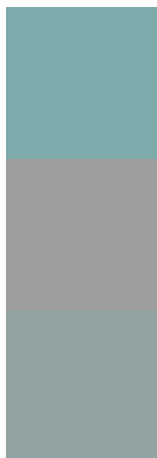
Original Color
67, 15.996, 200.090

Protanomaly
67, 5.885, 221.170

Deuteranomaly
67, 6.549, 267.829

Tritanomaly
67, 15.376, 217.282

Monochromacy



Original Color
67, 15.996, 200.090

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 6.295, 198.925

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 15.996, 200.090 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(125, 171, 172)` looks like.

```
.text, #text, p{  
    color:rgb(125, 171, 172)  
}
```

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(125, 171, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 171, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 15.996, 200.090 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(125, 171, 172) }
```

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

```
.border{ border-color:rgb(125, 171, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 171, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 171, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 171, 172);  
box-shadow:4px 4px 4px 4px rgb(125, 171,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 15.996, 200.090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 171, 172) }
```

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

```
.background{ background-color: rgb(125,  
171, 172) }
```

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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