

Converting Colors

CIELCh(67, 15.609, 197.962)

Have a look what the booklet for
CIELCh(67, 15.609, 197.962)
contains.

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Color

CIELCh(67, 15.416, 198.137)

Conversions

Conversions Part 1

Format	Color
Hex	7FABAB
RGB	127, 171, 171
RGB Percent	50%, 67%, 67%
CMY	0.5015, 0.3290, 0.3290
CMYK	0.26, 0.00, 0.00, 0.33
HSL	180°, 21%, 58%
HSV	180°, 26%, 67%
XYZ	30.7131, 36.6320, 44.0347
YIQ	157.8440, -26.2240, -9.3280

Conversions

Conversions Part 2

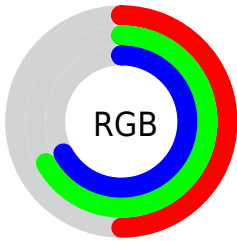
Format	Color
RYB	127, 149, 171
Decimal	8367019
CIELab	67.00, -14.65, -4.80
CIElCh	67, 15.416, 198.137
Yxy	36.6320, 0.2758, 0.3289
Android (android.graphics.Color)	4286557099 (0xFF7FABAB)
YUV	157.8440, 6.4859, -27.0502
Hunter-Lab	60.5244, -15.3379, -0.7696

Details

The CIELCh color **67, 15.416, 198.137** is a light color, and the websafe version is hex **669999**. A complement of this color would be **57, 18.274, 21.368**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 15.242, 198.397**, and **47, 15.530, 197.736** is the 20% darker color. If you saturate the color by 10%, you get **66, 20.597, 197.700**, and if you desaturate by 10%, it is **68, 9.728, 198.625**.

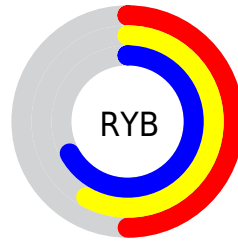
Distribution



Red (50%)

Green (67%)

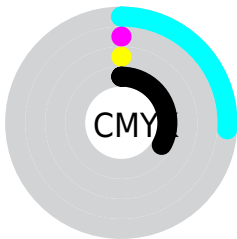
Blue (67%)



Red (50%)

Yellow (58%)

Blue (67%)

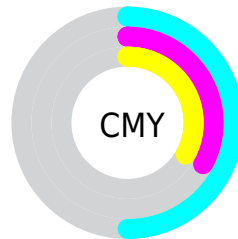


Cyan (26%)

Magenta (0%)

Yellow (0%)

Black (33%)



Cyan (50%)


Magenta (33%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 15.416, 198.137 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, 15.416, 198.137 by changing the saturation by 10% instead.


 67, 15.416,
198.137


 67, 15.416,
198.137


 100, 15.416,
198.137


 57, 15.416,
198.137


 87, 15.416,
198.137

 47, 15.416,
198.137

 97, 15.416,
198.137

 37, 15.416,
198.137

 27, 15.416,
198.137

 17, 15.416,
198.137

 7, 15.416, 198.137

 0, 15.416, 198.137

67, 15.416,
198.137

67, 15.416,
198.137

66, 20.597,
197.700

68, 9.728, 198.625

65, 25.169,
197.327

69, 3.630, 199.225

71, 2.779, 19.463

65, 29.048,
197.015

72, 9.415, 20.165

64, 32.167,
196.768

74, 16.204, 20.784

75, 23.084, 21.402

64, 34.497,
196.586

77, 30.007, 22.024

64, 36.050,
196.465

78, 33.292, 22.318

78, 33.292, 22.317

63, 36.900,
196.398

63, 37.166,

Harmonies

Complementary

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



67, 15.416, 198.137



57, 18.274, 21.368

Rectangle

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



67, 15.416, 198.137



67, 15.416, 248.137



67, 15.416, 18.137



67, 15.416, 68.137

Sweetspot

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



67, 15.416, 198.132



87, 6.240, 199.057



66, 29.565, 142.340



46, 4.454, 198.966



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, 15.416, 198.132



84, 22.461, 197.873



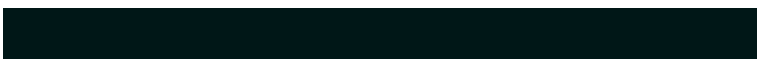
61, 14.124, 257.365



36, 3.603, 198.984



56, 33.809, 196.378



6, 7.801, 199.415

Inverse Universe

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



57, 18.274, 21.368



70, 27.802, 22.039



63, 15.237, 70.510



34, 3.818, 19.905



31, 69.980, 39.444



2, 7.802, 19.401

Previews

White Background



This preview shows how the CIELCh color 67, 15.416, 198.137 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, 15.416, 198.137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

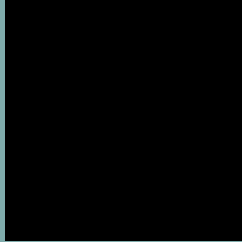
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

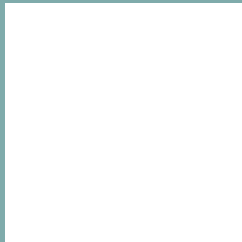
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 15.416, 198.137

Background



This preview shows how black text looks on a background with the CIELCh color 67, 15.416, 198.137.



This preview shows how white text looks on a background with the CIELCh color 67, 15.416, 198.137.

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, 15.416, 198.137

Protanopia
67, 2.352, 309.127

Deuteranopia
67, 10.529, 323.196



Tritanopia
67, 15.127, 229.426

Trichromacy



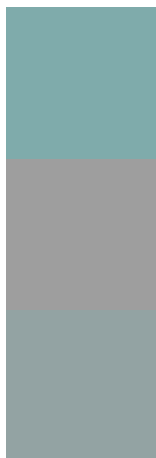
Original Color
67, 15.416, 198.137

Protanomaly
67, 5.384, 217.048

Deuteranomaly
67, 6.048, 265.673

Tritanomaly
67, 14.788, 218.109

Monochromacy



Original Color
67, 15.416, 198.137

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 5.934, 198.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 15.416, 198.137 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(127, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(127, 171, 171)  
}
```

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(127, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 171, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 15.416, 198.137 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(127, 171, 171) }
```

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

```
.border{ border-color:rgb(127, 171, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(127, 171,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 15.416, 198.137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 171, 171) }
```

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

```
.background{ background-color: rgb(127,  
171, 171) }
```

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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