

Converting Colors

CIELCh(67, 15.869, 198.450)

Have a look what the booklet for
CIELCh(67, 15.869, 198.450)
contains.

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Color

CIELCh(67, 15.734, 198.110)

Conversions

Conversions Part 1

Format	Color
Hex	7EABAB
RGB	126, 171, 171
RGB Percent	49%, 67%, 67%
CMY	0.5049, 0.3284, 0.3284
CMYK	0.26, 0.00, 0.00, 0.33
HSL	180°, 21%, 58%
HSV	180°, 26%, 67%
XYZ	30.6314, 36.6320, 44.1169
YIQ	157.5450, -26.8200, -9.5400

Conversions

Conversions Part 2

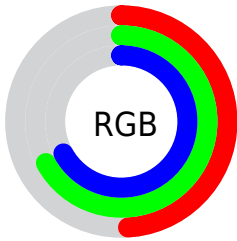
Format	Color
RYB	126, 149, 171
Decimal	8301483
CIELab	67.00, -14.95, -4.89
CIElCh	67, 15.734, 198.110
Yxy	36.6320, 0.2750, 0.3289
Android (android.graphics.Color)	4286491563 (0xFF7EABAB)
YUV	157.5450, 6.6333, -27.6650
Hunter-Lab	60.5244, -15.5788, -0.8501

Details

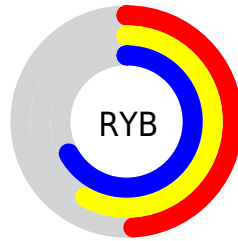
The CIELCh color **67, 15.734, 198.110** is a light color, and the websafe version is hex **669999**. A complement of this color would be **57, 18.728, 21.428**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 15.558, 198.375**, and **47, 15.837, 197.703** is the 20% darker color. If you saturate the color by 10%, you get **66, 20.887, 197.676**, and if you desaturate by 10%, it is **68, 10.067, 198.594**.

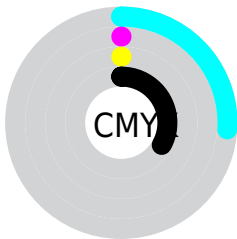
Distribution



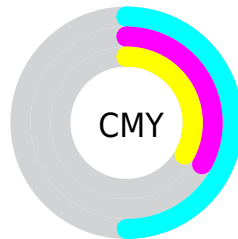
- Red (49%)
- Green (67%)
- Blue (67%)



- Red (49%)
- 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, 15.734, 198.110 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, 15.734, 198.110 by changing the saturation by 10% instead.


 67, 15.734,
198.110


 67, 15.734,
198.110


 100, 15.734,
198.110


 57, 15.734,
198.110


 87, 15.734,
198.110

 47, 15.734,
198.110

 97, 15.734,
198.110

 37, 15.734,
198.110

 27, 15.734,
198.110

 17, 15.734,
198.110

 7, 15.734, 198.110

 0, 15.734, 198.110

67, 15.734,
198.110

67, 15.734,
198.110

66, 20.887,
197.676

68, 10.067,
198.594

65, 25.426,
197.306

69, 3.986, 199.183

71, 2.413, 19.404

65, 29.265,
196.998

72, 9.043, 20.129

64, 32.343,
196.755

74, 15.830, 20.748

64, 34.629,
196.576

75, 22.712, 21.367

77, 29.639, 21.988

64, 36.141,
196.458

78, 33.223, 22.309

64, 36.961,
196.394

78, 33.223, 22.308

63, 37.192,

Harmonies

Complementary

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



67, 15.734, 198.110



57, 18.728, 21.428

Rectangle

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



67, 15.734, 198.110



67, 15.734, 248.110



67, 15.734, 18.110



67, 15.734, 68.110

Sweetspot

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



67, 15.734, 198.106



87, 6.240, 199.056



66, 30.234, 142.295



46, 4.454, 198.965



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, 15.734, 198.106



84, 23.092, 197.829



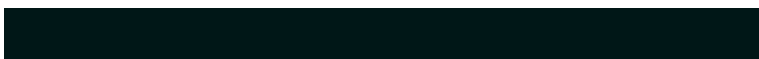
61, 14.437, 257.467



36, 3.603, 198.983



56, 33.809, 196.376



6, 7.801, 199.413

Inverse Universe

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



57, 18.728, 21.428



69, 28.805, 22.166



63, 15.605, 70.442



34, 3.818, 19.904



31, 69.980, 39.444



2, 7.802, 19.400

Previews

White Background



This preview shows how the CIE LCh color 67, 15.734, 198.110 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, 15.734, 198.110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

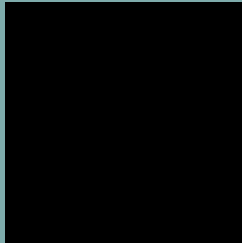
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 15.734, 198.110

Background



This preview shows how black text looks on a background with the CIELCh color 67, 15.734, 198.110.

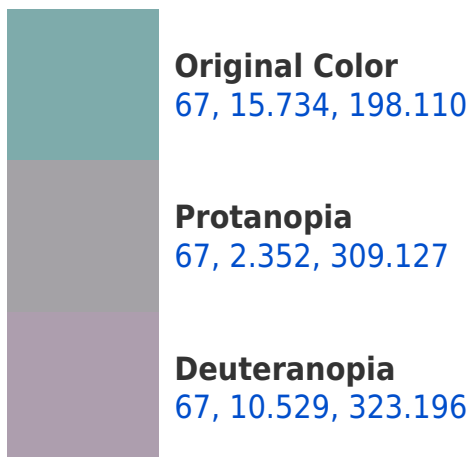


This preview shows how white text looks on a background with the CIELCh color 67, 15.734, 198.110.

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, 15.394, 228.814

Trichromacy



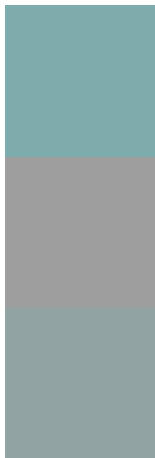
Original Color
67, 15.734, 198.110

Protanomaly
67, 5.727, 215.909

Deuteranomaly
67, 6.048, 265.673

Tritanomaly
67, 15.082, 217.686

Monochromacy



Original Color
67, 15.734, 198.110

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, 15.734, 198.110 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(126, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(126, 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(126, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 171, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 15.734, 198.110 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(126, 171, 171) }
```

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

```
.border{ border-color:rgb(126, 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(126, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(126, 171,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 15.734, 198.110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 171, 171) }
```

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

```
.background{ background-color: rgb(126,  
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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