

Converting Colors

CIELCh(67, 15.112, 198.228)

Have a look what the booklet for
CIELCh(67, 15.112, 198.228)
contains.

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Color

CIELCh(67, 15.097, 198.164)

Conversions

Conversions Part 1

Format	Color
Hex	80ABAB
RGB	128, 171, 171
RGB Percent	50%, 67%, 67%
CMY	0.4982, 0.3296, 0.3296
CMYK	0.25, 0.00, 0.00, 0.33
HSL	180°, 20%, 59%
HSV	180°, 25%, 67%
XYZ	30.7951, 36.6320, 43.9521
YIQ	158.1430, -25.6280, -9.1160

Conversions

Conversions Part 2

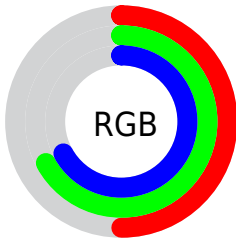
Format	Color
RYB	128, 150, 171
Decimal	8432555
CIELab	67.00, -14.34, -4.71
CIElCh	67, 15.097, 198.164
Yxy	36.6320, 0.2765, 0.3289
Android (android.graphics.Color)	4286622635 (0xFF80ABAB)
YUV	158.1430, 6.3385, -26.4354
Hunter-Lab	60.5244, -15.0958, -0.6887

Details

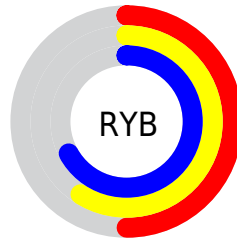
The CIELCh color **67, 15.097, 198.164** is a light color, and the websafe version is hex **669999**. A complement of this color would be **58, 17.823, 21.309**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 14.924, 198.420**, and **47, 15.221, 197.769** is the 20% darker color. If you saturate the color by 10%, you get **66, 20.305, 197.724**, and if you desaturate by 10%, it is **68, 9.387, 198.655**.

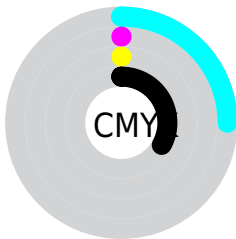
Distribution



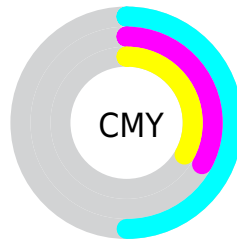
- Red (50%)
- Green (67%)
- Blue (67%)



- Red (50%)
- Yellow (59%)
- Blue (67%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)
- Black (33%)





- Cyan (50%)
- Magenta (33%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 15.097, 198.164 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, 15.097, 198.164 by changing the saturation by 10% instead.


 67, 15.097,
198.164


 67, 15.097,
198.164


 100, 15.097,
198.164


 57, 15.097,
198.164


 87, 15.097,
198.164

 47, 15.097,
198.164

 97, 15.097,
198.164

 37, 15.097,
198.164

 27, 15.097,
198.164

 17, 15.097,
198.164

 7, 15.097, 198.164

 0, 15.097, 198.164

67, 15.097,
198.164

67, 15.097,
198.164

66, 20.305,
197.724

68, 9.387, 198.655

65, 24.911,
197.347

69, 3.275, 199.271

71, 3.145, 19.517

65, 28.828,
197.032

72, 9.787, 20.201

64, 31.989,
196.781

74, 16.577, 20.819

75, 23.456, 21.438

64, 34.362,
196.595

77, 30.375, 22.059

64, 35.957,
196.471

78, 33.362, 22.327

78, 33.362, 22.327

63, 36.840,
196.402

63, 37.141,

Harmonies

Complementary

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



67, 15.097, 198.164



58, 17.823, 21.309

Rectangle

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



67, 15.097, 198.164



67, 15.097, 248.164



67, 15.097, 18.164



67, 15.097, 68.164

Sweetspot

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



67, 15.098, 198.159



87, 6.240, 199.058



66, 28.897, 142.384



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, 15.098, 198.159



84, 21.823, 197.918



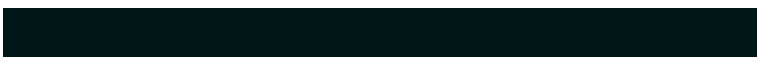
61, 13.810, 257.264



36, 3.603, 198.985



56, 33.809, 196.379



6, 7.801, 199.416

Inverse Universe

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



58, 17.823, 21.309



70, 26.806, 21.915



63, 14.872, 70.578



34, 3.818, 19.905



31, 69.981, 39.444



2, 7.802, 19.401

Previews

White Background



This preview shows how the CIE LCh color 67, 15.097, 198.164 looks on a white background.

Color Contrast Check

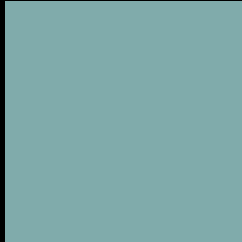
Large Text (above 18pt) WCAG AA × Fail

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, 15.097, 198.164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

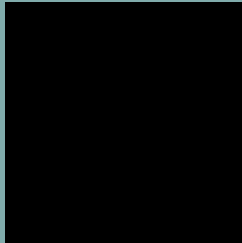
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

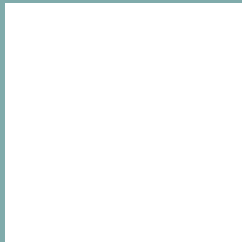
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 15.097, 198.164

Background



This preview shows how black text looks on a background with the CIELCh color 67, 15.097, 198.164.

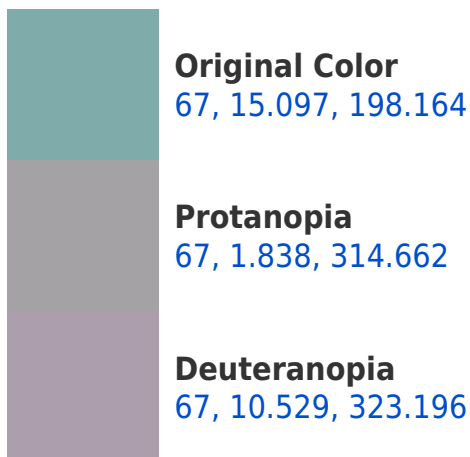


This preview shows how white text looks on a background with the CIELCh color 67, 15.097, 198.164.

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, 15.127, 229.426

Trichromacy



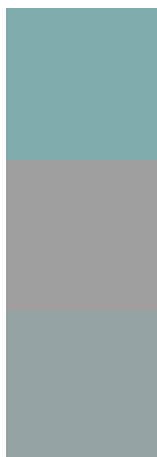
Original Color
67, 15.097, 198.164

Protanomaly
67, 5.265, 211.207

Deuteranomaly
67, 5.911, 268.896

Tritanomaly
67, 14.788, 218.109

Monochromacy



Original Color
67, 15.097, 198.164

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, 15.097, 198.164 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(128, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(128, 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(128, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 171, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 15.097, 198.164 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(128, 171, 171) }
```

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

```
.border{ border-color:rgb(128, 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(128, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(128, 171,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 15.097, 198.164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 171, 171) }
```

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

```
.background{ background-color: rgb(128,  
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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