

Converting Colors

CIELCh(67, 18.498, 358.599)

Have a look what the booklet for
CIELCh(67, 18.498, 358.599)
contains.

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Color

CIELCh(67, 18.498, 358.599)

Conversions

Conversions Part 1

Format	Color
Hex	C397A4
RGB	195, 151, 164
RGB Percent	76%, 59%, 64%
CMY	0.2335, 0.4061, 0.3551
CMYK	0.00, 0.23, 0.16, 0.23
HSL	342°, 27%, 68%
HSV	342°, 23%, 77%
XYZ	40.5006, 36.6320, 40.2654
YIQ	165.6380, 22.0510, 13.3710

Conversions

Conversions Part 2

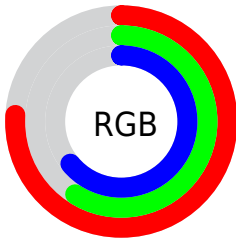
Format	Color
RYB	195, 151, 164
Decimal	12818340
CIELab	67.00, 18.49, -0.45
CIElCh	67, 18.498, 358.599
Yxy	36.6320, 0.3450, 0.3120
Android (android.graphics.Color)	4291008420 (0xFFC397A4)
YUV	165.6380, -0.8075, 25.7505
Hunter-Lab	60.5244, 13.5279, 2.9229

Details

The CIELCh color **67, 18.498, 358.599** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76, 17.309, 174.154**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 18.727, 357.993**, and **47, 18.450, 359.545** is the 20% darker color. If you saturate the color by 10%, you get **62, 27.113, 359.944**, and if you desaturate by 10%, it is **72, 10.091, 357.448**.

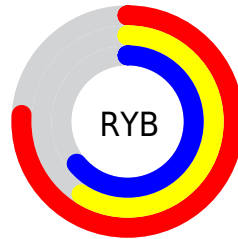
Distribution



Red (76%)

Green (59%)

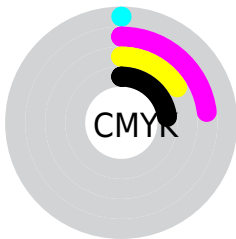
Blue (64%)



Red (76%)

Yellow (59%)

Blue (64%)

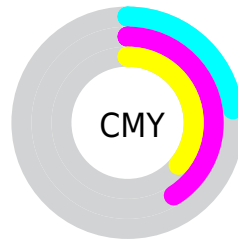


Cyan (0%)

Magenta (23%)

Yellow (16%)

Black (23%)



Cyan (23%)


Magenta (41%)

Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 18.498, 358.599 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, 18.498, 358.599 by changing the saturation by 10% instead.

 67, 18.498,
358.599


 67, 18.498,
358.599


 100, 18.498,
358.599

 57, 18.498,
358.599

 87, 18.498,
358.599

 47, 18.498,
358.599

 97, 18.498,
358.599

 37, 18.498,
358.599

 27, 18.498,
358.599

 17, 18.498,
358.599

 7, 18.498, 358.599

 0, 18.498, 358.599

67, 18.498,
358.599

67, 18.498,
358.599

62, 27.113,
359.944

72, 10.091,
357.448

57, 35.777, 1.548

78, 1.993, 356.277

53, 44.231, 3.511

83, 5.757, 175.734

49, 52.127, 5.961

89, 13.150,
174.922

46, 59.082, 9.059

94, 20.195,
174.222

43, 64.789, 12.971

42, 69.199, 17.797

96, 20.288,
186.543

41, 72.042, 21.776

96, 19.477,
198.220

Harmonies

Complementary

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



67, 18.498, 358.599



76, 17.309, 174.154

Rectangle

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



67, 18.498, 358.599



67, 18.498, 48.599



67, 18.498, 178.599



67, 18.498, 228.599

Sweetspot

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



67, 18.496, 358.603



95, 6.924, 356.864



67, 26.837, 316.683



50, 4.504, 356.931



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 18.496, 358.603



82, 27.738, 359.233



69, 14.988, 39.166



38, 4.508, 357.107



33, 61.990, 20.865



3, 14.597, 3.713

Inverse Universe

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



67, 18.496, 358.603



82, 27.738, 359.233



74, 12.907, 220.379



38, 4.508, 357.107



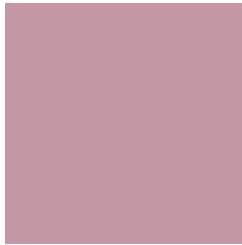
33, 61.990, 20.865



3, 14.597, 3.713

Previews

White Background



This preview shows how the CIELCh color 67, 18.498, 358.599 looks on a white background.

Color Contrast Check

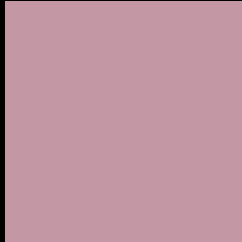
Large Text (above 18pt) WCAG AA × Fail

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, 18.498, 358.599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

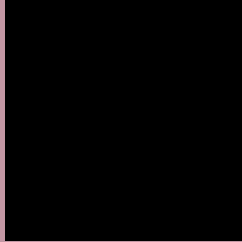
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 18.498, 358.599

Background



This preview shows how black text looks on a background with the CIELCh color 67, 18.498, 358.599.

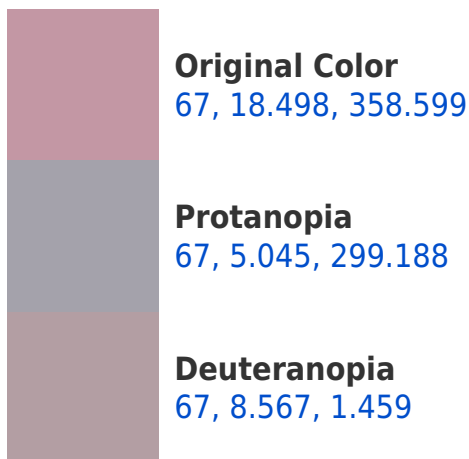


This preview shows how white text looks on a background with the CIELCh color 67, 18.498, 358.599.

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, 17.784, 1.370

Trichromacy



Original Color
67, 18.498, 358.599

Protanomaly
67, 8.894, 337.163

Deuteranomaly
67, 12.050, 359.165

Tritanomaly
67, 17.941, 359.696

Monochromacy



Original Color
67, 18.498, 358.599

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.533, 0.297

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 18.498, 358.599 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(195, 151, 164)` looks like.

```
.text, #text, p{  
    color:rgb(195, 151, 164)  
}
```

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(195, 151, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 151, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 18.498, 358.599 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(195, 151, 164) }
```

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

```
.border{ border-color:rgb(195, 151, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 151, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 151, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 151, 164); box-shadow:4px 4px 4px 4px rgb(195, 151, 164) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 18.498, 358.599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 151, 164) }
```

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

```
.background{ background-color: rgb(195,  
151, 164) }
```

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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