

Converting Colors

CIELCh(70, 18.865, 315.212)

Have a look what the booklet for
CIELCh(70, 18.865, 315.212)
contains.

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Color

CIELCh(70, 18.696, 315.672)

Conversions

Conversions Part 1

Format	Color
Hex	B9A4C3
RGB	185, 164, 195
RGB Percent	73%, 64%, 76%
CMY	0.2749, 0.3573, 0.2357
CMYK	0.05, 0.16, 0.00, 0.24
HSL	281°, 20%, 70%
HSV	281°, 16%, 76%
XYZ	43.0763, 40.7494, 57.1605
YIQ	173.8130, 2.5650, 14.0930

Conversions

Conversions Part 2

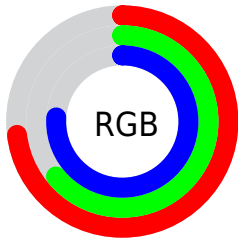
Format	Color
RYB	185, 164, 195
Decimal	12166339
CIELab	70.00, 13.37, -13.06
CIELCh	70, 18.696, 315.672
Yxy	40.7494, 0.3055, 0.2890
Android (android.graphics.Color)	4290356419 (0xFFB9A4C3)
YUV	173.8130, 10.4452, 9.8110
Hunter-Lab	63.8353, 8.7409, -8.4058

Details

The CIELCh color $70, 18.696, 315.672$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $76, 18.450, 134.326$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 18.865, 315.212$, and $50, 18.694, 316.246$ is the 20% darker color. If you saturate the color by 10%, you get $65, 30.718, 316.112$, and if you desaturate by 10%, it is $75, 6.867, 315.231$.

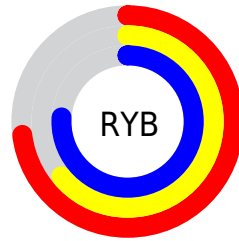
Distribution



Red (73%)

Green (64%)

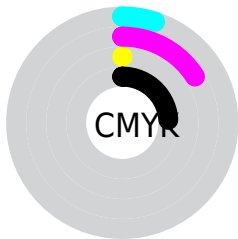
Blue (76%)



Red (73%)

Yellow (64%)

Blue (76%)

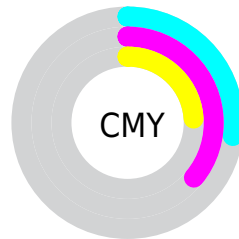


Cyan (5%)

Magenta (16%)

Yellow (0%)

Black (24%)



Cyan (27%)


Magenta (36%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 18.696, 315.672 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 70, 18.696, 315.672 by changing the saturation by 10% instead.


 70, 18.696,
315.672


 70, 18.696,
315.672


 100, 18.696,
315.672


 60, 18.696,
315.672


 90, 18.696,
315.672

 50, 18.696,
315.672

 40, 18.696,
315.672

 30, 18.696,
315.672

 20, 18.696,
315.672

 10, 18.696,
315.672

 0, 18.696, 315.672

70, 18.696,
315.672

70, 18.696,
315.672

65, 30.718,
316.112

75, 6.867, 315.231

59, 42.809,
316.546

81, 4.690, 134.890

54, 54.756,
316.951

87, 15.939,
134.490

50, 66.234,
317.291

92, 26.864,
134.142

45, 76.778,
317.517

96, 33.715,
132.842

42, 85.796,
317.567

96, 32.765,
129.338


39, 92.655,
317.370


97, 31.943,
125.582

36, 96.915,

97, 31.269,
121.589

316.868

 98, 30.758,
117.391

 36, 98.257,
316.623

Harmonies

Complementary

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



70, 18.696, 315.672



76, 18.450, 134.326

Rectangle

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



70, 18.696, 315.672



70, 18.696, 5.672



70, 18.696, 135.672



70, 18.696, 185.672

Sweetspot

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



70, 18.694, 315.671



96, 7.171, 315.193



71, 11.767, 273.315



51, 4.935, 315.226



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 18.694, 315.671



86, 27.647, 315.820



71, 18.210, 330.340



38, 6.588, 315.385



29, 85.072, 316.764



3, 21.063, 312.198

Inverse Universe

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



70, 13.039, 355.938



87, 19.335, 356.324



76, 18.158, 148.350



38, 4.571, 355.232



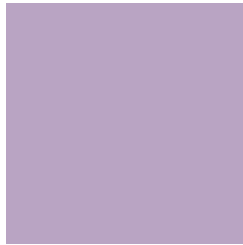
34, 61.266, 18.383



3, 14.705, 2.335

Previews

White Background



This preview shows how the CIELCh color 70, 18.696, 315.672 looks on a white background.

Color Contrast Check

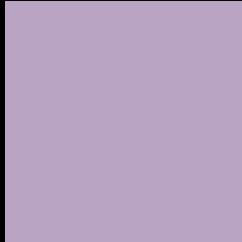
Large Text (above 18pt) WCAG AA × Fail

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 70, 18.696, 315.672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

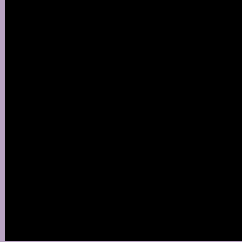
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 18.696, 315.672

Background



This preview shows how black text looks on a background with the CIELCh color 70, 18.696, 315.672.



This preview shows how white text looks on a background with the CIELCh color 70, 18.696, 315.672.

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


70, 18.696, 315.672

Protanopia

70, 15.916, 286.727

Deuteranopia

70, 15.294, 305.165



Tritanopia
70, 9.335, 330.596

Trichromacy



Original Color
70, 18.696, 315.672

Protanomaly
70, 16.578, 297.900

Deuteranomaly
70, 16.233, 309.718

Tritanomaly
70, 12.408, 323.531

Monochromacy



Original Color
70, 18.696, 315.672

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 7.239, 314.916

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 18.696, 315.672 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(185, 164, 195)` looks like.

```
.text, #text, p{  
    color:rgb(185, 164, 195)  
}
```

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(185, 164, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 164, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 18.696, 315.672 is called "border". The border property can be set on classes, ids or directly on the HTML element.

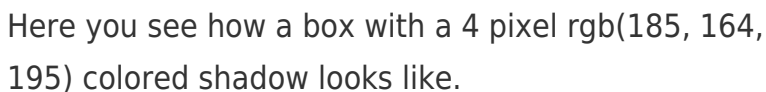
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 164, 195) }
```

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

```
.border{ border-color:rgb(185, 164, 195) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 164, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 164, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 164, 195); box-shadow:4px 4px 4px 4px rgb(185, 164, 195) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 18.696, 315.672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 164, 195) }
```

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

```
.background{ background-color: rgb(185,  
164, 195) }
```

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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