

Converting Colors

CIELCh(68, 38.059, 315.112)

Have a look what the booklet for
CIELCh(68, 38.059, 315.112)
contains.

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Color

CIELCh(68, 38.095, 315.118)

Conversions

Conversions Part 1

Format	Color
Hex	BF96D6
RGB	191, 150, 214
RGB Percent	75%, 59%, 84%
CMY	0.2491, 0.4100, 0.1589
CMYK	0.11, 0.30, 0.00, 0.16
HSL	278°, 44%, 72%
HSV	278°, 30%, 84%
XYZ	44.7799, 37.9720, 68.9051
YIQ	169.5550, 3.8920, 28.5960

Conversions

Conversions Part 2

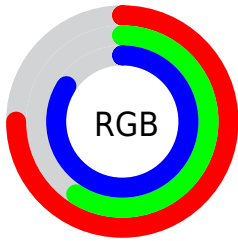
Format	Color
RYB	191, 150, 214
Decimal	12555990
CIELab	68.00, 26.99, -26.88
CIELCh	68, 38.095, 315.118
Yxy	37.9720, 0.2953, 0.2504
Android (android.graphics.Color)	4290746070 (0xFFBF96D6)
YUV	169.5550, 21.9114, 18.8073
Hunter-Lab	61.6215, 21.8773, -23.1631

Details

The CIELCh color $68, 38.095, 315.118$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $82, 37.044, 132.450$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 30.137, 321.490$, and $48, 37.846, 315.198$ is the 20% darker color. If you saturate the color by 10%, you get $62, 51.107, 315.559$, and if you desaturate by 10%, it is $74, 25.113, 314.667$.

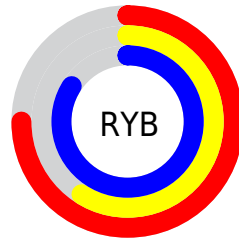
Distribution



Red (75%)

Green (59%)

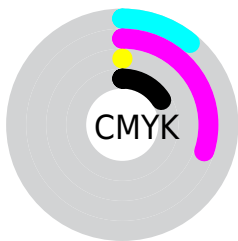
Blue (84%)



Red (75%)

Yellow (59%)

Blue (84%)

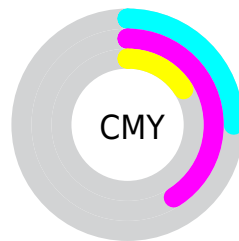


Cyan (11%)

Magenta (30%)

Yellow (0%)

Black (16%)



Cyan (25%)


Magenta (41%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 38.095, 315.118 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 68, 38.095, 315.118 by changing the saturation by 10% instead.


 68, 38.095,
315.118


 68, 38.095,
315.118


 100, 38.095,
315.118


 58, 38.095,
315.118


 88, 38.095,
315.118

 48, 38.095,
315.118

 98, 38.095,
315.118

 38, 38.095,
315.118

 28, 38.095,
315.118

 18, 38.095,
315.118

 8, 38.095, 315.118

 0, 38.095, 315.118

68, 38.095,
315.118

68, 38.095,
315.118

62, 51.107,
315.559

74, 25.113,
314.667

57, 63.894,
315.963

80, 12.327,
314.222

52, 76.050,
316.284

86, 0.174, 134.811

47, 87.006,
316.465

92, 12.342,
133.451

43, 96.055,
316.429

97, 22.550,
132.354

40, 102.505,
316.098

98, 21.525,
125.699


38, 106.322,
315.467

98, 20.824,
118.373

38, 106.374,

99, 20.499,
110.572

315.458

 99, 20.481,
108.627

Harmonies

Complementary

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



68, 38.095, 315.118



82, 37.044, 132.450

Rectangle

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



68, 38.095, 315.118



68, 38.095, 5.118



68, 38.095, 135.118



68, 38.095, 185.118

Sweetspot

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



68, 38.093, 315.118



94, 12.948, 314.189



71, 23.179, 273.054



49, 9.013, 314.254



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 38.093, 315.118



75, 53.064, 315.408



70, 37.841, 330.096



42, 7.091, 314.203



30, 89.689, 315.621



4, 30.120, 314.279

Inverse Universe

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



69, 27.471, 355.172



77, 38.319, 356.086



80, 37.772, 146.117



42, 5.066, 352.805



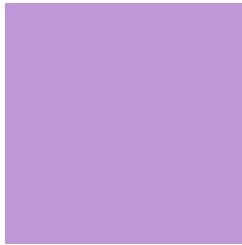
36, 63.375, 15.241



5, 22.511, 3.044

Previews

White Background



This preview shows how the CIELCh color 68, 38.095, 315.118 looks on a white background.

Color Contrast Check

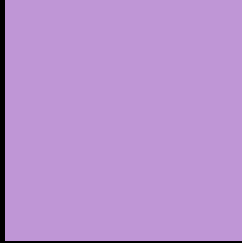
Large Text (above 18pt) WCAG AA × Fail

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 68, 38.095, 315.118 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 68, 38.095, 315.118

Background



This preview shows how black text looks on a background with the CIELCh color 68, 38.095, 315.118.

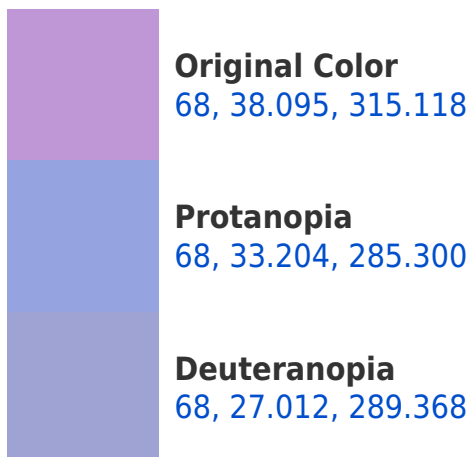


This preview shows how white text looks on a background with the CIELCh color 68, 38.095, 315.118.

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
68, 11.920, 346.978

Trichromacy



Original Color
68, 38.095, 315.118

Protanomaly
68, 34.299, 296.270

Deuteranomaly
68, 30.728, 300.699

Tritanomaly
68, 20.590, 325.330

Monochromacy



Original Color
68, 38.095, 315.118

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 13.857, 314.701

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 38.095, 315.118 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(191, 150, 214)` looks like.

```
.text, #text, p{  
    color:rgb(191, 150, 214)  
}
```

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(191, 150, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 150, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 38.095, 315.118 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(191, 150, 214) }
```

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

```
.border{ border-color:rgb(191, 150, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 150, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 150, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 150, 214);  
box-shadow:4px 4px 4px 4px rgb(191, 150,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 38.095, 315.118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 150, 214) }
```

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

```
.background{ background-color: rgb(191,  
150, 214) }
```

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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