

Converting Colors

CIELCh(68, 41.222, 315.982)

Have a look what the booklet for
CIELCh(68, 41.222, 315.982)
contains.

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Color

CIELCh(68, 41.182, 316.031)

Conversions

Conversions Part 1

Format	Color
Hex	C395DA
RGB	195, 149, 218
RGB Percent	76%, 58%, 85%
CMY	0.2368, 0.4171, 0.1466
CMYK	0.11, 0.32, 0.00, 0.15
HSL	280°, 48%, 72%
HSV	280°, 32%, 85%
XYZ	45.7001, 37.9720, 70.9839
YIQ	170.6200, 5.2670, 31.2110

Conversions

Conversions Part 2

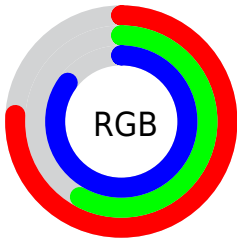
Format	Color
RYB	195, 149, 218
Decimal	12817882
CIELab	68.00, 29.64, -28.59
CIELCh	68, 41.182, 316.031
Yxy	37.9720, 0.2955, 0.2455
Android (android.graphics.Color)	4291007962 (0xFFC395DA)
YUV	170.6200, 23.3583, 21.3813
Hunter-Lab	61.6215, 24.5426, -25.1632

Details

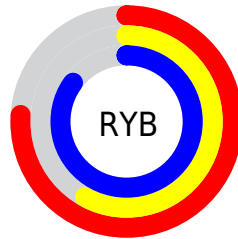
The CIELCh color **68, 41.182, 316.031** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **82, 40.081, 133.173**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 31.445, 323.878**, and **48, 40.930, 315.701** is the 20% darker color. If you saturate the color by 10%, you get **62, 54.339, 316.458**, and if you desaturate by 10%, it is **74, 27.981, 315.587**.

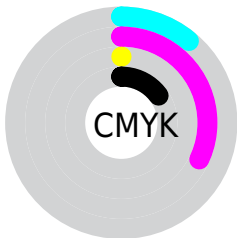
Distribution



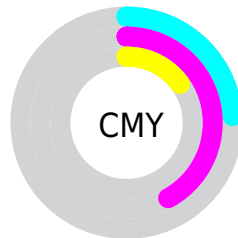
- Red (76%)
- Green (58%)
- Blue (85%)



- Red (76%)
- Yellow (58%)
- Blue (85%)



- Cyan (11%)
- Magenta (32%)
- Yellow (0%)
- Black (15%)





- Cyan (24%)
- Magenta (42%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 41.182, 316.031 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, 41.182, 316.031 by changing the saturation by 10% instead.


 68, 41.182,
316.031


 68, 41.182,
316.031


 100, 41.182,
316.031


 58, 41.182,
316.031


 88, 41.182,
316.031

 48, 41.182,
316.031

 98, 41.182,
316.031

 38, 41.182,
316.031

 28, 41.182,
316.031

 18, 41.182,
316.031

 8, 41.182, 316.031

 0, 41.182, 316.031

68, 41.182,
316.031

68, 41.182,
316.031

62, 54.339,
316.458

74, 27.981,
315.587

57, 67.158,
316.835

80, 14.933,
315.144

52, 79.186,
317.119

86, 2.147, 314.652

48, 89.816,
317.249

92, 10.317,
134.362

44, 98.335,
317.153

97, 20.959,
133.327


41, 104.112,
316.758

98, 19.962,
126.641

40, 106.989,
316.222

98, 19.270,
119.253

99, 18.930,
111.357

 99, 18.902,
108.747

Harmonies

Complementary

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



68, 41.182, 316.031



82, 40.081, 133.173

Rectangle

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



68, 41.182, 316.031



68, 41.182, 6.031



68, 41.182, 136.031



68, 41.182, 186.031

Sweetspot

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



68, 41.180, 316.031



93, 14.496, 315.073



70, 25.444, 274.791



49, 9.905, 315.135



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, 41.180, 316.031



74, 56.296, 316.318



70, 40.158, 330.780



43, 7.276, 315.044



31, 90.224, 316.377



4, 32.557, 316.044

Inverse Universe

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



69, 29.238, 357.189



76, 40.083, 358.182



81, 40.074, 146.459



43, 5.092, 354.519



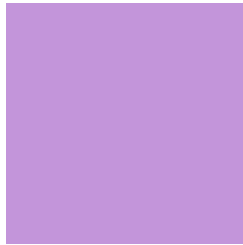
36, 64.649, 17.750



6, 23.998, 5.142

Previews

White Background



This preview shows how the CIELCh color 68, 41.182, 316.031 looks on a white background.

Color Contrast Check

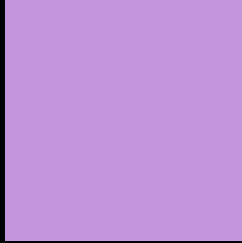
Large Text (above 18pt) WCAG AA × Fail

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, 41.182, 316.031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

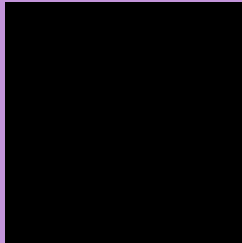
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 41.182, 316.031

Background



This preview shows how black text looks on a background with the CIELCh color 68, 41.182, 316.031.

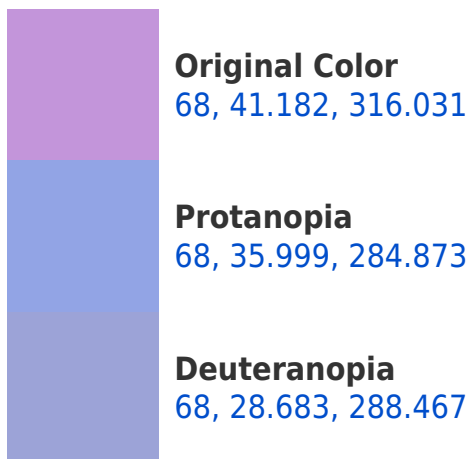


This preview shows how white text looks on a background with the CIELCh color 68, 41.182, 316.031.

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, 12.911, 349.974

Trichromacy



Original Color
68, 41.182, 316.031

Protanomaly
68, 37.085, 296.792

Deuteranomaly
68, 32.356, 300.411

Tritanomaly
68, 21.876, 327.882

Monochromacy



Original Color
68, 41.182, 316.031

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 15.165, 315.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 41.182, 316.031 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, 149, 218)` looks like.

```
.text, #text, p{  
    color:rgb(195, 149, 218)  
}
```

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, 149, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 149, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 41.182, 316.031 is called "border". The border property can be set on classes, ids or directly on the HTML element.

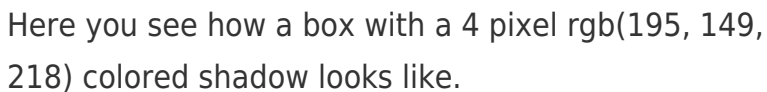
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 149, 218) }
```

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

```
.border{ border-color:rgb(195, 149, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 149, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 149, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 149, 218); box-shadow:4px 4px 4px 4px rgb(195, 149, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 41.182, 316.031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 149, 218) }
```

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

```
.background{ background-color: rgb(195,  
149, 218) }
```

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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