

Converting Colors

CIELCh(68, 38.957, 317.109)

Have a look what the booklet for
CIELCh(68, 38.957, 317.109)
contains.

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Color

CIELCh(68, 39.226, 317.277)

Conversions

Conversions Part 1

Format	Color
Hex	C395D6
RGB	195, 149, 214
RGB Percent	76%, 58%, 84%
CMY	0.2351, 0.4155, 0.1606
CMYK	0.09, 0.30, 0.00, 0.16
HSL	282°, 44%, 71%
HSV	282°, 30%, 84%
XYZ	45.4129, 37.9720, 68.5822
YIQ	170.1640, 6.5510, 29.9670

Conversions

Conversions Part 2

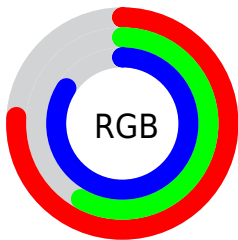
Format	Color
RYB	195, 149, 214
Decimal	12817878
CIELab	68.00, 28.82, -26.61
CIElCh	68, 39.226, 317.277
Yxy	37.9720, 0.2988, 0.2499
Android (android.graphics.Color)	4291007958 (0xFFC395D6)
YUV	170.1640, 21.6111, 21.7812
Hunter-Lab	61.6215, 23.7107, -22.8524

Details

The CIELCh color $68, 39.226, 317.277$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $81, 38.372, 134.513$, 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 $48, 38.850, 316.978$ is the 20% darker color. If you saturate the color by 10%, you get $63, 52.255, 317.696$, and if you desaturate by 10%, it is $74, 26.135, 316.838$.

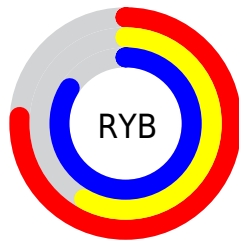
Distribution



Red (76%)

Green (58%)

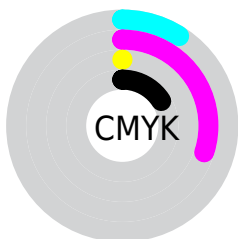
Blue (84%)



Red (76%)

Yellow (58%)

Blue (84%)

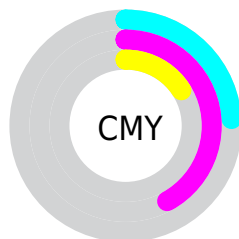


Cyan (9%)

Magenta (30%)

Yellow (0%)

Black (16%)



Cyan (24%)

Magenta (42%)


Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 39.226, 317.277 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, 39.226, 317.277 by changing the saturation by 10% instead.

 68, 39.226,
317.277


 68, 39.226,
317.277

 100, 39.226,
317.277

 58, 39.226,
317.277


 88, 39.226,
317.277

 48, 39.226,
317.277

 98, 39.226,
317.277

 38, 39.226,
317.277

 28, 39.226,
317.277

 18, 39.226,
317.277

 8, 39.226, 317.277

 0, 39.226, 317.277

68, 39.226,
317.277

68, 39.226,
317.277

63, 52.255,
317.696

74, 26.135,
316.838

57, 64.929,
318.068

80, 13.179,
316.397

52, 76.809,
318.350

85, 0.471, 315.585

48, 87.316,
318.489

91, 11.924,
135.614

45, 95.777,
318.422

97, 23.333,
135.021


42, 101.600,
318.087

97, 22.377,
129.998

40, 104.833,
317.517

98, 21.610,
124.495

98, 21.060,
118.571

 99, 20.755,
112.334

Harmonies

Complementary

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



68, 39.226, 317.277



81, 38.372, 134.513

Rectangle

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



68, 39.226, 317.277



68, 39.226, 7.277



68, 39.226, 137.277



68, 39.226, 187.277

Sweetspot

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



68, 39.224, 317.277



94, 13.169, 316.340



69, 25.553, 278.319



49, 9.165, 316.405



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, 39.224, 317.277



76, 53.702, 317.532



69, 36.700, 332.480



42, 7.212, 316.355



32, 88.550, 317.661



4, 30.716, 317.044

Inverse Universe

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



68, 27.158, 359.876



77, 37.379, 0.774



80, 36.543, 148.212



42, 4.890, 357.331



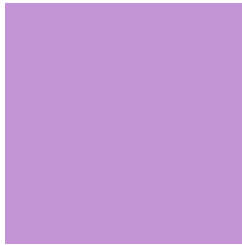
36, 65.068, 21.440



5, 22.254, 6.622

Previews

White Background



This preview shows how the CIELCh color 68, 39.226, 317.277 looks on a white background.

Color Contrast Check

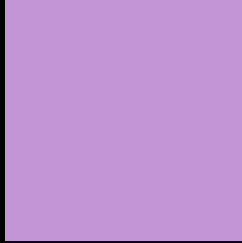
Large Text (above 18pt) WCAG AA × Fail

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, 39.226, 317.277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

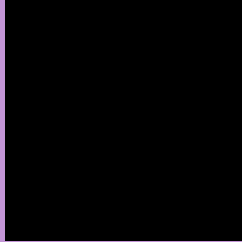
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 39.226, 317.277

Background



This preview shows how black text looks on a background with the CIELCh color 68, 39.226, 317.277.



This preview shows how white text looks on a background with the CIELCh color 68, 39.226, 317.277.

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, 13.244, 350.877

Trichromacy



Original Color
68, 39.226, 317.277

Protanomaly
68, 34.318, 296.811

Deuteranomaly
68, 30.232, 301.444

Tritanomaly
68, 21.669, 329.591

Monochromacy



Original Color
68, 39.226, 317.277

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 14.670, 316.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 39.226, 317.277 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(195, 149, 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(195, 149, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 149, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 39.226, 317.277 is called "border". The border property can be set on classes, ids or directly on the HTML element.

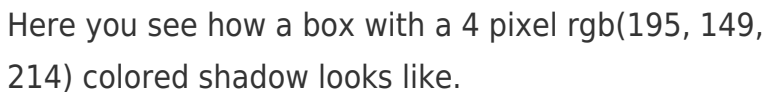
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 149, 214) }
```

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

```
.border{ border-color:rgb(195, 149, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 149, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 149, 214);  
box-shadow:4px 4px 4px 4px rgb(195, 149,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 39.226, 317.277 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, 214) }
```

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

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