

Converting Colors

CIELCh(68, 37.554, 312.160)

Have a look what the booklet for
CIELCh(68, 37.554, 312.160)
contains.

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Color

CIELCh(68, 37.379, 312.056)

Conversions

Conversions Part 1

Format	Color
Hex	BB98D8
RGB	187, 152, 216
RGB Percent	73%, 60%, 85%
CMY	0.2667, 0.4040, 0.1530
CMYK	0.13, 0.30, 0.00, 0.15
HSL	273°, 45%, 72%
HSV	273°, 30%, 85%
XYZ	44.1086, 37.9720, 69.9600
YIQ	169.7610, 0.3160, 27.3240

Conversions

Conversions Part 2

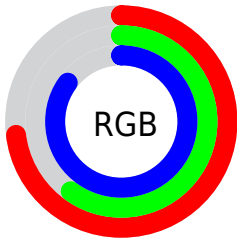
Format	Color
RYB	187, 152, 216
Decimal	12294360
CIELab	68.00, 25.04, -27.75
CIELCh	68, 37.379, 312.056
Yxy	37.9720, 0.2901, 0.2497
Android (android.graphics.Color)	4290484440 (0xFFBB98D8)
YUV	169.7610, 22.7958, 15.1186
Hunter-Lab	61.6215, 19.9326, -24.1781

Details

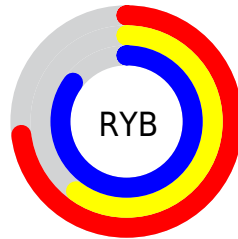
The CIELCh color $68, 37.379, 312.056$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $82, 36.025, 129.335$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 28.247, 318.753$, and $48, 37.170, 311.964$ is the 20% darker color. If you saturate the color by 10%, you get $62, 50.417, 312.557$, and if you desaturate by 10%, it is $74, 24.483, 311.563$.

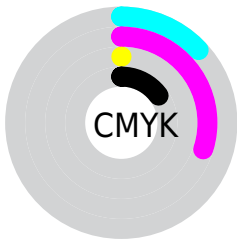
Distribution



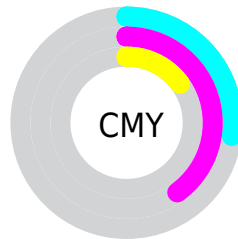
- Red (73%)
- Green (60%)
- Blue (85%)



- Red (73%)
- Yellow (60%)
- Blue (85%)



- Cyan (13%)
- Magenta (30%)
- Yellow (0%)
- Black (15%)





- Cyan (27%)
- Magenta (40%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 37.379, 312.056 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, 37.379, 312.056 by changing the saturation by 10% instead.


 68, 37.379,
312.056


 68, 37.379,
312.056


 100, 37.379,
312.056


 58, 37.379,
312.056


 88, 37.379,
312.056

 48, 37.379,
312.056

 98, 37.379,
312.056

 38, 37.379,
312.056

 28, 37.379,
312.056

 18, 37.379,
312.056

 8, 37.379, 312.056

 0, 37.379, 312.056

68, 37.379,
312.056

68, 37.379,
312.056

62, 50.417,
312.557

74, 24.483,
311.563

56, 63.384,
313.038

80, 11.856,
311.092

51, 75.916,
313.454

87, 0.439, 130.996

46, 87.461,
313.738

93, 12.377,
130.296

41, 97.267,
313.800

98, 21.013,
127.987

38, 104.501,
313.536

98, 20.055,
118.474

36, 108.938,
312.922

99, 19.721,
108.685

36, 109.088,

312.900

Harmonies

Complementary

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



68, 37.379, 312.056



82, 36.025, 129.335

Rectangle

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



68, 37.379, 312.056



68, 37.379, 2.056



68, 37.379, 132.056



68, 37.379, 182.056

Sweetspot

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



68, 37.377, 312.056



94, 12.670, 311.067



73, 20.616, 263.647



49, 8.821, 311.134



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, 37.377, 312.056



75, 52.280, 312.393



71, 40.438, 326.980



42, 6.939, 311.082



28, 91.455, 313.081



3, 29.311, 310.305

Inverse Universe

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



70, 28.772, 349.158



77, 40.080, 349.994



81, 40.437, 143.256



42, 5.362, 347.028



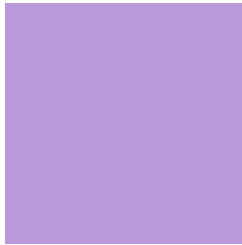
36, 62.538, 6.202



5, 23.104, 357.356

Previews

White Background



This preview shows how the CIELCh color 68, 37.379, 312.056 looks on a white background.

Color Contrast Check

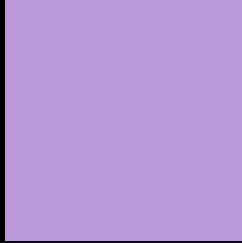
Large Text (above 18pt) WCAG AA × Fail

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, 37.379, 312.056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

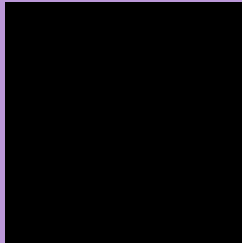
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 37.379, 312.056

Background



This preview shows how black text looks on a background with the CIELCh color 68, 37.379, 312.056.



This preview shows how white text looks on a background with the CIELCh color 68, 37.379, 312.056.

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
68, 37.379, 312.056

Protanopia
68, 33.778, 284.997

Deuteranopia
68, 28.137, 288.313



Tritanopia
68, 10.443, 337.142

Trichromacy



Original Color
68, 37.379, 312.056

Protanomaly
68, 34.222, 294.637

Deuteranomaly
68, 31.092, 298.136

Tritanomaly
68, 20.109, 319.926

Monochromacy



Original Color
68, 37.379, 312.056

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 14.097, 311.059

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 37.379, 312.056 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(187, 152, 216)` looks like.

```
.text, #text, p{  
    color:rgb(187, 152, 216)  
}
```

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(187, 152, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 152, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 37.379, 312.056 is called "border". The border property can be set on classes, ids or directly on the HTML element.

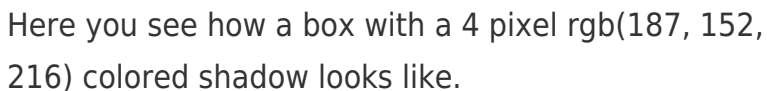
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 152, 216) }
```

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

```
.border{ border-color:rgb(187, 152, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 152, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 152, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 152, 216);  
box-shadow:4px 4px 4px 4px rgb(187, 152,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 37.379, 312.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 152, 216) }
```

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

```
.background{ background-color: rgb(187,  
152, 216) }
```

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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