

Converting Colors

CIELCh(67, 37.914, 313.299)

Have a look what the booklet for
CIELCh(67, 37.914, 313.299)
contains.

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Color

CIELCh(67, 37.695, 313.098)

Conversions

Conversions Part 1

Format	Color
Hex	BA95D5
RGB	186, 149, 213
RGB Percent	73%, 58%, 84%
CMY	0.2715, 0.4165, 0.1656
CMYK	0.13, 0.30, 0.00, 0.17
HSL	275°, 43%, 71%
HSV	275°, 30%, 83%
XYZ	42.8915, 36.6320, 67.6113
YIQ	167.3590, 1.5080, 27.7480

Conversions

Conversions Part 2

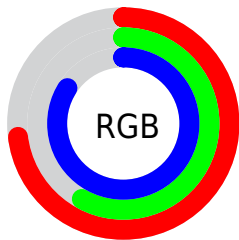
Format	Color
RYB	186, 149, 213
Decimal	12228053
CIELab	67.00, 25.76, -27.52
CIELCh	67, 37.695, 313.098
Yxy	36.6320, 0.2915, 0.2490
Android (android.graphics.Color)	4290418133 (0xFFBA95D5)
YUV	167.3590, 22.5010, 16.3482
Hunter-Lab	60.5244, 20.5790, -23.8654

Details

The CIELCh color $67, 37.695, 313.098$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $81, 36.423, 130.379$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 30.622, 318.774$, and $47, 37.498, 313.071$ is the 20% darker color. If you saturate the color by 10%, you get $61, 50.590, 313.574$, and if you desaturate by 10%, it is $73, 24.898, 312.622$.

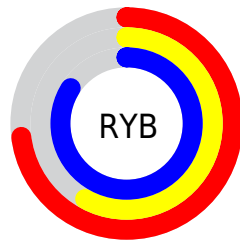
Distribution



Red (73%)

Green (58%)

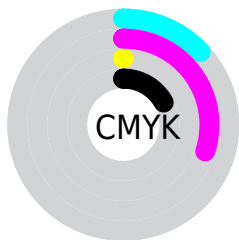
Blue (84%)



Red (73%)

Yellow (58%)

Blue (84%)

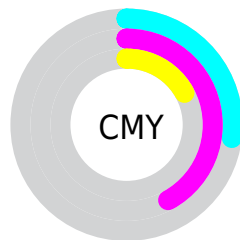


Cyan (13%)

Magenta (30%)

Yellow (0%)

Black (17%)



Cyan (27%)


Magenta (42%)


Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 37.695, 313.098 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 67, 37.695, 313.098 by changing the saturation by 10% instead.

 67, 37.695,
313.098


 67, 37.695,
313.098

 100, 37.695,
313.098

 57, 37.695,
313.098

 87, 37.695,
313.098

 47, 37.695,
313.098

 97, 37.695,
313.098

 37, 37.695,
313.098

 27, 37.695,
313.098

 17, 37.695,
313.098

 7, 37.695, 313.098

 0, 37.695, 313.098

67, 37.695,
313.098

67, 37.695,
313.098

61, 50.590,
313.574

73, 24.898,
312.622

56, 63.355,
314.023

79, 12.341,
312.163

50, 75.611,
314.398

85, 0.096, 310.179

45, 86.799,
314.634

91, 11.806,
131.378

41, 96.186,
314.647

97, 23.244,
130.964

38, 102.998,
314.339

98, 22.143,
123.300

36, 107.135,
313.714

99, 21.489,
114.856

99, 21.334,
108.562

Harmonies

Complementary

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



67, 37.695, 313.098



81, 36.423, 130.379

Rectangle

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



67, 37.695, 313.098



67, 37.695, 3.098



67, 37.695, 133.098



67, 37.695, 183.098

Sweetspot

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



67, 37.693, 313.098



94, 12.758, 312.119



71, 21.447, 267.080



49, 8.882, 312.185



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 37.693, 313.098



75, 52.526, 313.400



70, 39.634, 327.986



42, 6.987, 312.134



28, 90.851, 313.882



3, 29.569, 311.625

Inverse Universe

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



69, 28.366, 351.131



77, 39.440, 351.953



80, 39.620, 144.138



42, 5.258, 348.875



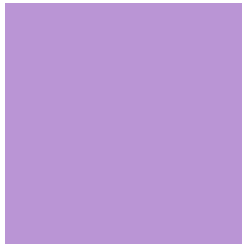
36, 62.611, 9.218



5, 22.872, 359.327

Previews

White Background



This preview shows how the CIELCh color 67, 37.695, 313.098 looks on a white background.

Color Contrast Check

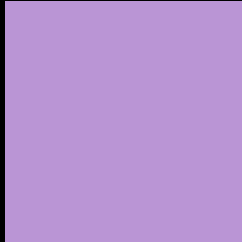
Large Text (above 18pt) WCAG AA × Fail

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 67, 37.695, 313.098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

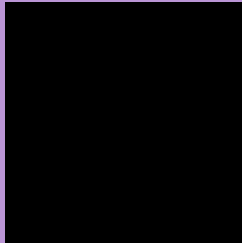
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 37.695, 313.098

Background



This preview shows how black text looks on a background with the CIELCh color 67, 37.695, 313.098.




This preview shows how white text looks on a background with the CIELCh color 67, 37.695, 313.098.

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
67, 10.703, 342.230

Trichromacy



Original Color
67, 37.695, 313.098

Protanomaly
67, 34.346, 295.224

Deuteranomaly
67, 30.715, 299.471

Tritanomaly
67, 19.872, 321.662

Monochromacy



Original Color
67, 37.695, 313.098

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 14.270, 312.467

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 37.695, 313.098 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(186, 149, 213)` looks like.

```
.text, #text, p{  
    color:rgb(186, 149, 213)  
}
```

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(186, 149, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 149, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 37.695, 313.098 is called "border". The border property can be set on classes, ids or directly on the HTML element.

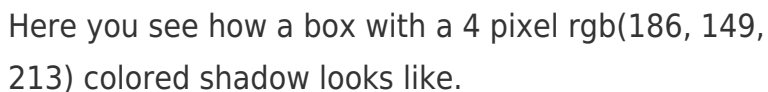
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 149, 213) }
```

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

```
.border{ border-color:rgb(186, 149, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 149, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 149, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 149, 213); box-shadow:4px 4px 4px 4px rgb(186, 149, 213) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 37.695, 313.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 149, 213) }
```

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

```
.background{ background-color: rgb(186,  
149, 213) }
```

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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