

Converting Colors

CIELCh(67, 29.673, 337.760)

Have a look what the booklet for
CIELCh(67, 29.673, 337.760)
contains.

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Color

CIELCh(67, 29.673, 337.760)

Conversions

Conversions Part 1

Format	Color
Hex	CB92B8
RGB	203, 146, 184
RGB Percent	80%, 57%, 72%
CMY	0.2046, 0.4281, 0.2791
CMYK	0.00, 0.28, 0.09, 0.20
HSL	320°, 35%, 68%
HSV	320°, 28%, 80%
XYZ	43.4679, 36.6320, 50.0331
YIQ	167.3750, 21.7740, 23.9020

Conversions

Conversions Part 2

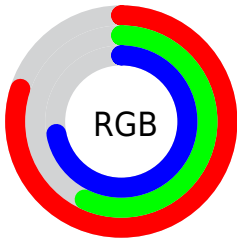
Format	Color
R _Y B	203, 146, 184
Decimal	13341368
CIE Lab	67.00, 27.47, -11.23
CIE LCh	67, 29.673, 337.760
Yxy	36.6320, 0.3340, 0.2815
Android (android.graphics.Color)	4291531448 (0xFFCB92B8)
YUV	167.3750, 8.1961, 31.2431
Hunter-Lab	60.5244, 22.2791, -6.6457

Details

The CIELCh color **67, 29.673, 337.760** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **77, 29.285, 153.379**, and the grayscale version is **69, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 28.577, 334.688**, and **47, 29.447, 337.776** is the 20% darker color. If you saturate the color by 10%, you get **62, 40.081, 338.629**, and if you desaturate by 10%, it is **72, 19.057, 336.956**.

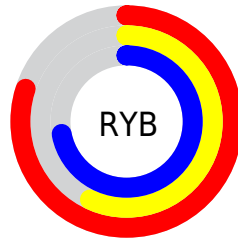
Distribution



Red (80%)

Green (57%)

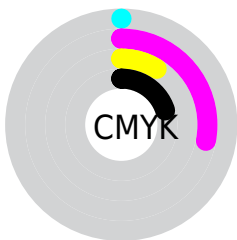
Blue (72%)



Red (80%)

Yellow (57%)

Blue (72%)

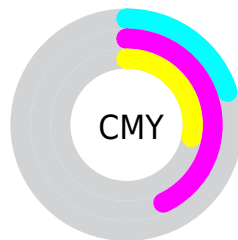


Cyan (0%)

Magenta (28%)

Yellow (9%)

Black (20%)



Cyan (20%)


Magenta (43%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 29.673, 337.760 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, 29.673, 337.760 by changing the saturation by 10% instead.


 67, 29.673,
337.760


 67, 29.673,
337.760


 100, 29.673,
337.760


 57, 29.673,
337.760


 87, 29.673,
337.760

 47, 29.673,
337.760

 97, 29.673,
337.760

 37, 29.673,
337.760

 27, 29.673,
337.760

 17, 29.673,
337.760

 7, 29.673, 337.760

 0, 29.673, 337.760

67, 29.673,
337.760

67, 29.673,
337.760

62, 40.081,
338.629

72, 19.057,
336.956

58, 49.965,
339.580

77, 8.466, 336.191

83, 1.959, 155.719

54, 58.890,
340.643

88, 12.135,
154.918

51, 66.347,
341.862

94, 22.016,
154.295

48, 71.833,
343.300

96, 24.188,
157.567

46, 74.998,
345.040


96, 21.923,
164.174

45, 75.937,
347.157

96, 19.979,
172.137

45, 76.028,

347.581

 96, 18.464,
181.564

Harmonies

Complementary

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



67, 29.673, 337.760



77, 29.285, 153.379

Rectangle

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



67, 29.673, 337.760



67, 29.673, 27.760



67, 29.673, 157.760



67, 29.673, 207.760

Sweetspot

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



67, 29.670, 337.761



95, 10.073, 336.192



64, 32.609, 304.815



50, 7.168, 336.308



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, 29.670, 337.761



79, 43.172, 338.304



66, 23.161, 8.836



40, 5.965, 336.291



36, 65.621, 347.207



4, 22.153, 342.814

Inverse Universe

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



67, 29.670, 337.761



79, 43.172, 338.304



78, 20.376, 183.351



40, 5.965, 336.291



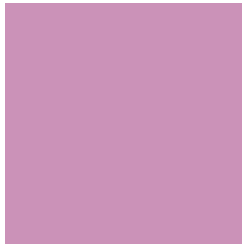
36, 65.621, 347.207



4, 22.153, 342.814

Previews

White Background



This preview shows how the CIELCh color 67, 29.673, 337.760 looks on a white background.

Color Contrast Check

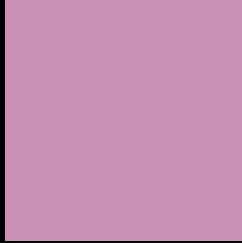
Large Text (above 18pt) WCAG AA × Fail

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, 29.673, 337.760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

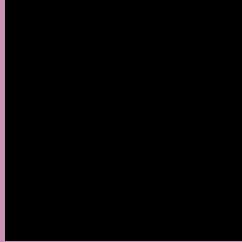
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 29.673, 337.760

Background



This preview shows how black text looks on a background with the CIELCh color 67, 29.673, 337.760.



This preview shows how white text looks on a background with the CIELCh color 67, 29.673, 337.760.

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, 20.471, 4.388

Trichromacy



Original Color
67, 29.673, 337.760

Protanomaly
67, 19.994, 310.885

Deuteranomaly
67, 18.889, 326.234

Tritanomaly
67, 23.357, 352.295

Monochromacy



Original Color
67, 29.673, 337.760

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 11.101, 336.456

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 29.673, 337.760 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(203, 146, 184)` looks like.

```
.text, #text, p{  
    color:rgb(203, 146, 184)  
}
```

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(203, 146, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 146, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 29.673, 337.760 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(203, 146, 184) }
```

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

```
.border{ border-color:rgb(203, 146, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 146, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 146, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 146, 184);  
box-shadow:4px 4px 4px 4px rgb(203, 146,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 29.673, 337.760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 146, 184) }
```

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

```
.background{ background-color: rgb(203,  
146, 184) }
```

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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