

Converting Colors

CIELCh(67, 26.912, 333.671)

Have a look what the booklet for
CIELCh(67, 26.912, 333.671)
contains.

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Color

CIELCh(67, 27.262, 333.796)

Conversions

Conversions Part 1

Format	Color
Hex	C594B9
RGB	197, 148, 185
RGB Percent	77%, 58%, 73%
CMY	0.2268, 0.4190, 0.2739
CMYK	0.00, 0.25, 0.06, 0.23
HSL	315°, 30%, 68%
HSV	315°, 25%, 77%
XYZ	42.4585, 36.6320, 50.8223
YIQ	166.8690, 17.3270, 21.8950

Conversions

Conversions Part 2

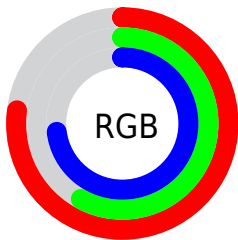
Format	Color
R _Y B	197, 148, 185
Decimal	12948665
CIE Lab	67.00, 24.46, -12.04
CIE LCh	67, 27.262, 333.796
Yxy	36.6320, 0.3268, 0.2820
Android (android.graphics.Color)	4291138745 (0xFFC594B9)
YUV	166.8690, 8.9386, 26.4249
Hunter-Lab	60.5244, 19.3021, -7.4187

Details

The CIELCh color $67, 27.262, 333.796$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 27.088, 150.299$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 27.463, 333.706$, and $47, 27.233, 334.038$ is the 20% darker color. If you saturate the color by 10%, you get $62, 38.124, 334.525$, and if you desaturate by 10%, it is $72, 16.241, 333.098$.

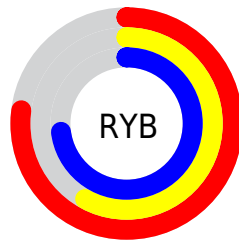
Distribution



Red (77%)

Green (58%)

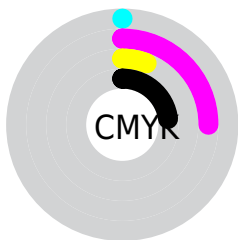
Blue (73%)



Red (77%)

Yellow (58%)

Blue (73%)

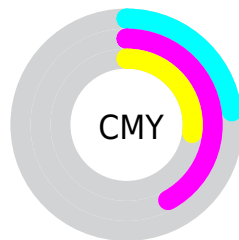


Cyan (0%)

Magenta (25%)

Yellow (6%)

Black (23%)



Cyan (23%)


Magenta (42%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 27.262, 333.796 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, 27.262, 333.796 by changing the saturation by 10% instead.

 67, 27.262,
333.796


 67, 27.262,
333.796

 100, 27.262,
333.796

 57, 27.262,
333.796

 87, 27.262,
333.796

 47, 27.262,
333.796

 97, 27.262,
333.796

 37, 27.262,
333.796

 27, 27.262,
333.796

 17, 27.262,
333.796

 7, 27.262, 333.796

 0, 27.262, 333.796

67, 27.262,
333.796

67, 27.262,
333.796

62, 38.124,
334.525

72, 16.241,
333.098

58, 48.535,
335.292

77, 5.272, 332.399

82, 5.514, 151.892

54, 58.094,
336.106

88, 16.041,
151.260

51, 66.314,
336.985

93, 26.270,
150.689

48, 72.690,
337.959

95, 29.370,
152.277

46, 76.817,
339.068


95, 27.560,
155.716

45, 78.553,
340.366

95, 25.846,
159.603

44, 78.868,

341.093

 96, 24.250,
164.001

Harmonies

Complementary

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



67, 27.262, 333.796



75, 27.088, 150.299

Rectangle

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



67, 27.262, 333.796



67, 27.262, 23.796



67, 27.262, 153.796



67, 27.262, 203.796

Sweetspot

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



67, 27.260, 333.797



96, 9.383, 332.564



64, 27.754, 301.124



50, 6.099, 332.607



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, 27.260, 333.797



81, 40.517, 334.201



66, 20.414, 0.944



39, 6.223, 332.723



36, 68.708, 340.870



4, 21.572, 337.369

Inverse Universe

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



67, 27.260, 333.797



81, 40.517, 334.201



76, 18.816, 175.951



39, 6.223, 332.723



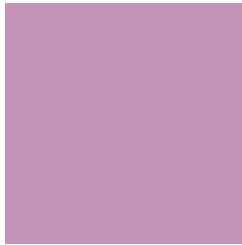
36, 68.708, 340.870



4, 21.572, 337.369

Previews

White Background



This preview shows how the CIELCh color 67, 27.262, 333.796 looks on a white background.

Color Contrast Check

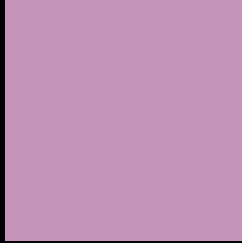
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 67, 27.262, 333.796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

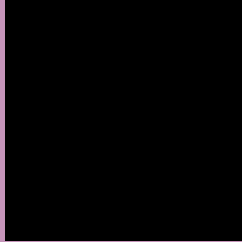
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 27.262, 333.796

Background



This preview shows how black text looks on a background with the CIELCh color 67, 27.262, 333.796.



This preview shows how white text looks on a background with the CIELCh color 67, 27.262, 333.796.

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
67, 27.262, 333.796

Protanopia
67, 17.727, 286.372

Deuteranopia
67, 13.928, 308.212



Tritanopia
67, 17.574, 359.174

Trichromacy



Original Color
67, 27.262, 333.796

Protanomaly
67, 19.653, 307.865

Deuteranomaly
67, 18.552, 321.352

Tritanomaly
67, 20.351, 346.930

Monochromacy



Original Color
67, 27.262, 333.796

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 10.308, 331.923

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 27.262, 333.796 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(197, 148, 185)` looks like.

```
.text, #text, p{  
    color:rgb(197, 148, 185)  
}
```

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(197, 148, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 148, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 27.262, 333.796 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(197, 148, 185) }
```

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

```
.border{ border-color:rgb(197, 148, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 148, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 148, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 148, 185);  
box-shadow:4px 4px 4px 4px rgb(197, 148,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 27.262, 333.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 148, 185) }
```

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

```
.background{ background-color: rgb(197,  
148, 185) }
```

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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