

Converting Colors

CIELCh(67, 35.743, 323.887)

Have a look what the booklet for
CIELCh(67, 35.743, 323.887)
contains.

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Color

CIELCh(67, 35.355, 323.829)

Conversions

Conversions Part 1

Format	Color
Hex	C592C9
RGB	197, 146, 201
RGB Percent	77%, 57%, 79%
CMY	0.2276, 0.4275, 0.2119
CMYK	0.02, 0.27, 0.00, 0.21
HSL	296°, 34%, 68%
HSV	296°, 27%, 79%
XYZ	43.8329, 36.6320, 60.0015
YIQ	167.5190, 12.7410, 27.9170

Conversions

Conversions Part 2

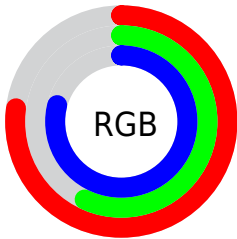
Format	Color
R _Y B	197, 146, 201
Decimal	12948169
CIE Lab	67.00, 28.54, -20.87
CIE LCh	67, 35.355, 323.829
Yxy	36.6320, 0.3121, 0.2608
Android (android.graphics.Color)	4291138249 (0xFFC592C9)
YUV	167.5190, 16.5061, 25.8548
Hunter-Lab	60.5244, 23.3555, -16.4108

Details

The CIELCh color $67, 35.355, 323.829$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 35.211, 140.803$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 34.316, 325.114$, and $47, 35.146, 323.476$ is the 20% darker color. If you saturate the color by 10%, you get $62, 48.082, 324.301$, and if you desaturate by 10%, it is $72, 22.391, 323.332$.

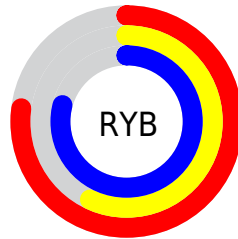
Distribution



Red (77%)

Green (57%)

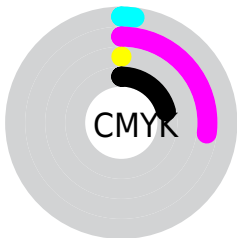
Blue (79%)



Red (77%)

Yellow (57%)

Blue (79%)

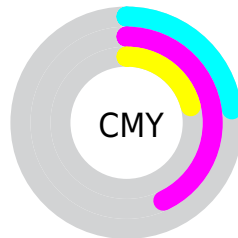


Cyan (2%)

Magenta (27%)

Yellow (0%)

Black (21%)



Cyan (23%)


Magenta (43%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 35.355, 323.829 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, 35.355, 323.829 by changing the saturation by 10% instead.

 67, 35.355,
323.829


 67, 35.355,
323.829


 100, 35.355,
323.829


 57, 35.355,
323.829


 87, 35.355,
323.829

 47, 35.355,
323.829

 97, 35.355,
323.829

 37, 35.355,
323.829

 27, 35.355,
323.829

 17, 35.355,
323.829

 7, 35.355, 323.829

 0, 35.355, 323.829

67, 35.355,
323.829

67, 35.355,
323.829

62, 48.082,
324.301

72, 22.391,
323.332

58, 60.239,
324.730

77, 9.441, 322.817

82, 3.335, 142.420

54, 71.380,
325.092

88, 15.838,
141.882

51, 80.991,
325.362

93, 28.010,
141.415

48, 88.561,
325.517

96, 32.905,
140.819

47, 93.718,
325.536


96, 32.620,
140.100

45, 96.465,
325.419

96, 32.339,
139.365

45, 97.013,

325.379

 96, 32.064,
138.614

Harmonies

Complementary

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



67, 35.355, 323.829



76, 35.211, 140.803

Rectangle

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



67, 35.355, 323.829



67, 35.355, 13.829



67, 35.355, 143.829



67, 35.355, 193.829

Sweetspot

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



67, 35.353, 323.829



95, 12.449, 322.856



64, 28.174, 290.062



50, 8.857, 322.936



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, 35.353, 323.829



80, 51.641, 324.121



67, 27.125, 341.675



39, 7.219, 322.923



36, 83.113, 325.421



4, 25.915, 324.062

Inverse Universe

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



66, 22.189, 15.979



78, 33.083, 16.816



77, 26.546, 157.068



39, 4.292, 14.043



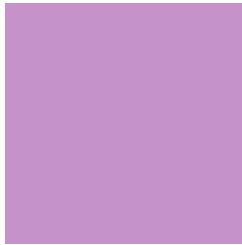
34, 71.787, 36.751



3, 15.933, 15.638

Previews

White Background



This preview shows how the CIELCh color 67, 35.355, 323.829 looks on a white background.

Color Contrast Check

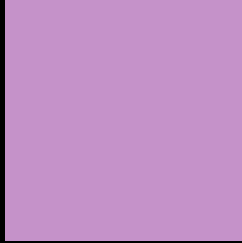
Large Text (above 18pt) WCAG AA × Fail

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, 35.355, 323.829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

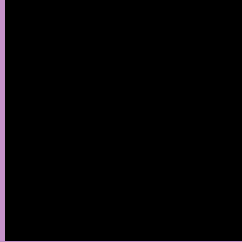
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 35.355, 323.829

Background



This preview shows how black text looks on a background with the CIELCh color 67, 35.355, 323.829.




This preview shows how white text looks on a background with the CIELCh color 67, 35.355, 323.829.

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, 16.466, 357.468

Trichromacy



Original Color
67, 35.355, 323.829

Protanomaly
67, 29.119, 300.391

Deuteranomaly
67, 25.456, 308.564

Tritanomaly
67, 22.604, 338.686

Monochromacy



Original Color
67, 35.355, 323.829

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 13.159, 323.650

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 35.355, 323.829 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, 146, 201)` looks like.

```
.text, #text, p{  
    color:rgb(197, 146, 201)  
}
```

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, 146, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 146, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 35.355, 323.829 is called "border". The border property can be set on classes, ids or directly on the HTML element.

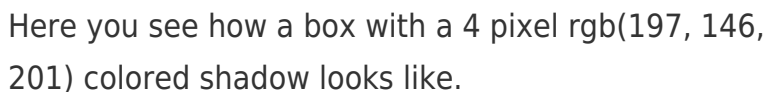
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 146, 201) }
```

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

```
.border{ border-color:rgb(197, 146, 201) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 146, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 146, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 146, 201);  
box-shadow:4px 4px 4px 4px rgb(197, 146,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 35.355, 323.829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 146, 201) }
```

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

```
.background{ background-color: rgb(197,  
146, 201) }
```

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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