

Converting Colors

CIELCh(70, 29.457, 320.695)

Have a look what the booklet for
CIELCh(70, 29.457, 320.695)
contains.

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Color

CIELCh(70, 29.323, 320.727)

Conversions

Conversions Part 1

Format	Color
Hex	C59ECD
RGB	197, 158, 205
RGB Percent	77%, 62%, 80%
CMY	0.2273, 0.3802, 0.1959
CMYK	0.04, 0.23, 0.00, 0.20
HSL	290°, 32%, 71%
HSV	290°, 23%, 80%
XYZ	46.2911, 40.7494, 63.2053
YIQ	175.0190, 8.1570, 22.8850

Conversions

Conversions Part 2

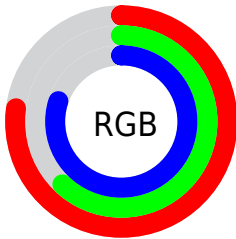
Format	Color
R_{YB}	197, 158, 205
Decimal	12951245
CIE _{Lab}	70.00, 22.70, -18.56
CIE _{LCh}	70, 29.323, 320.727
Yxy	40.7494, 0.3081, 0.2712
Android (android.graphics.Color)	4291141325 (0xFFC59ECD)
YUV	175.0190, 14.7806, 19.2773
Hunter-Lab	63.8353, 17.7302, -14.0202

Details

The CIELCh color $70, 29.323, 320.727$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 29.060, 138.503$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 26.132, 324.681$, and $50, 29.709, 320.777$ is the 20% darker color. If you saturate the color by 10%, you get $65, 42.190, 321.173$, and if you desaturate by 10%, it is $75, 16.430, 320.265$.

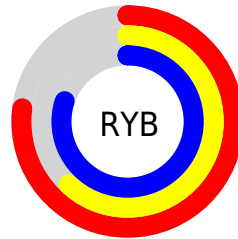
Distribution



Red (77%)

Green (62%)

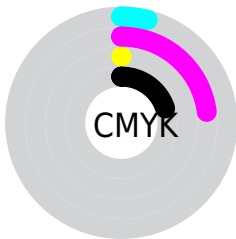
Blue (80%)



Red (77%)

Yellow (62%)

Blue (80%)

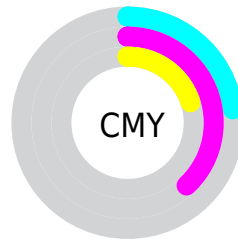


Cyan (4%)

Magenta (23%)

Yellow (0%)

Black (20%)



Cyan (23%)


Magenta (38%)


Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 29.323, 320.727 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 70, 29.323, 320.727 by changing the saturation by 10% instead.

 70, 29.323,
320.727


 70, 29.323,
320.727


 100, 29.323,
320.727


 60, 29.323,
320.727


 90, 29.323,
320.727

 50, 29.323,
320.727

 40, 29.323,
320.727

 30, 29.323,
320.727

 20, 29.323,
320.727

 10, 29.323,
320.727

 0, 29.323, 320.727

70, 29.323,
320.727

70, 29.323,
320.727

65, 42.190,
321.173

75, 16.430,
320.265

60, 54.779,
321.586

81, 3.688, 319.766

86, 8.800, 139.412

55, 66.717,
321.937

92, 20.975,
138.980

51, 77.522,
322.194

96, 29.461,
138.150

48, 86.626,
322.315

96, 28.835,
136.096

45, 93.483,
322.262


97, 28.246,
133.932

44, 97.747,
322.003

97, 27.697,
131.659

43, 99.522,

321.720

 97, 27.193,
129.278

Harmonies

Complementary

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



70, 29.323, 320.727



79, 29.060, 138.503

Rectangle

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



70, 29.323, 320.727



70, 29.323, 10.727



70, 29.323, 140.727



70, 29.323, 190.727

Sweetspot

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



70, 29.321, 320.727



95, 10.574, 319.989



69, 21.220, 284.400



50, 6.874, 320.018



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 29.321, 320.727



82, 42.821, 320.972



70, 24.684, 336.609



40, 7.163, 320.099



34, 84.938, 321.812



4, 27.285, 320.688

Inverse Universe

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



70, 18.831, 7.880



81, 27.829, 8.604



78, 24.436, 153.194



40, 4.473, 6.337



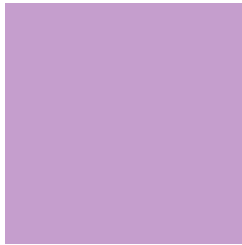
34, 68.351, 31.135



4, 18.137, 11.082

Previews

White Background



This preview shows how the CIELCh color 70, 29.323, 320.727 looks on a white background.

Color Contrast Check

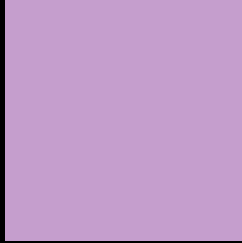
Large Text (above 18pt) WCAG AA × Fail

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 70, 29.323, 320.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

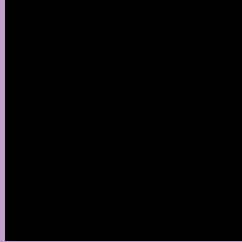
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 29.323, 320.727

Background



This preview shows how black text looks on a background with the CIELCh color 70, 29.323, 320.727.



This preview shows how white text looks on a background with the CIELCh color 70, 29.323, 320.727.

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

70, 29.323, 320.727

Protanopia

70, 23.650, 285.207

Deuteranopia

70, 19.865, 297.134



Tritanopia
70, 13.435, 348.792

Trichromacy



Original Color
70, 29.323, 320.727

Protanomaly
70, 24.351, 298.977

Deuteranomaly
70, 22.843, 307.412

Tritanomaly
70, 18.804, 332.016

Monochromacy



Original Color
70, 29.323, 320.727

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 10.684, 319.898

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 29.323, 320.727 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, 158, 205)` looks like.

```
.text, #text, p{  
    color:rgb(197, 158, 205)  
}
```

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, 158, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 158, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 29.323, 320.727 is called "border". The border property can be set on classes, ids or directly on the HTML element.

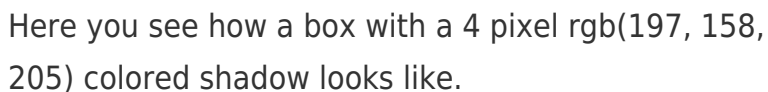
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 158, 205) }
```

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

```
.border{ border-color:rgb(197, 158, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 158, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 158, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 158, 205);  
box-shadow:4px 4px 4px 4px rgb(197, 158,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 29.323, 320.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 158, 205) }
```

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

```
.background{ background-color: rgb(197,  
158, 205) }
```

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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