

Converting Colors

CIELCh(71, 27.487, 320.991)

Have a look what the booklet for
CIELCh(71, 27.487, 320.991)
contains.

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Color

CIELCh(71, 27.487, 320.991)

Conversions

Conversions Part 1

Format	Color
Hex	C7A2CE
RGB	199, 162, 206
RGB Percent	78%, 64%, 81%
CMY	0.2215, 0.3665, 0.1940
CMYK	0.03, 0.21, 0.00, 0.19
HSL	290°, 31%, 72%
HSV	290°, 21%, 81%
XYZ	47.3471, 42.1875, 63.7338
YIQ	178.0790, 7.9280, 21.5280

Conversions

Conversions Part 2

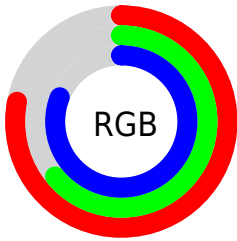
Format	Color
R _{YB}	199, 162, 206
Decimal	13083342
CIE Lab	71.00, 21.36, -17.30
CIE LCh	71, 27.487, 320.991
Yxy	42.1875, 0.3089, 0.2753
Android (android.graphics.Color)	4291273422 (0xFFC7A2CE)
YUV	178.0790, 13.7651, 18.3477
Hunter-Lab	64.9519, 16.4529, -12.7117

Details

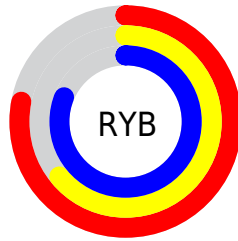
The CIELCh color $71, 27.487, 320.991$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 27.270, 138.905$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 23.800, 325.253$, and $51, 27.758, 321.021$ is the 20% darker color. If you saturate the color by 10%, you get $66, 40.421, 321.444$, and if you desaturate by 10%, it is $76, 14.549, 320.523$.

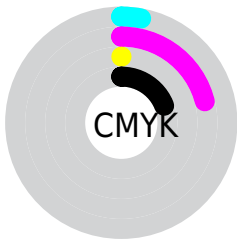
Distribution



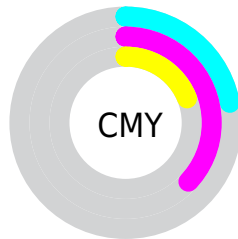
- Red (78%)
- Green (64%)
- Blue (81%)



- Red (78%)
- Yellow (64%)
- Blue (81%)



- Cyan (3%)
- Magenta (21%)
- Yellow (0%)
- Black (19%)





- Cyan (22%)
- Magenta (37%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 27.487, 320.991 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 71, 27.487, 320.991 by changing the saturation by 10% instead.


 71, 27.487,
320.991


 71, 27.487,
320.991


 100, 27.487,
320.991


 61, 27.487,
320.991


 91, 27.487,
320.991

 51, 27.487,
320.991

 41, 27.487,
320.991

 31, 27.487,
320.991

 21, 27.487,
320.991

 11, 27.487,
320.991

 1, 27.487, 320.991

0, 27.487, 320.991

71, 27.487,
320.991

71, 27.487,
320.991

66, 40.421,
321.444

76, 14.549,
320.523

61, 53.107,
321.866

82, 1.775, 319.957

56, 65.186,
322.232

87, 10.734,
139.663

52, 76.187,
322.509

93, 22.924,
139.232

49, 85.552,
322.660

96, 29.175,
138.163

46, 92.730,
322.647

96, 28.588,
136.222

■ 44, 97.342,
322.439

■ 97, 28.033,
134.183

■ 43, 99.553,
322.122

■ 97, 27.514,
132.046

■ 97, 27.034,
129.811

Harmonies

Complementary

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



71, 27.487, 320.991



79, 27.270, 138.905

Rectangle

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



71, 27.487, 320.991



71, 27.487, 10.991



71, 27.487, 140.991



71, 27.487, 190.991

Sweetspot

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



71, 27.485, 320.991



96, 9.085, 320.266



70, 20.186, 285.079



51, 6.029, 320.299



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 27.485, 320.991



83, 39.854, 321.217



71, 22.811, 337.217



40, 7.185, 320.428



35, 84.818, 322.210



4, 27.403, 321.159

Inverse Universe

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



71, 17.503, 8.540



83, 25.666, 9.173



79, 22.569, 154.009



40, 4.459, 7.195



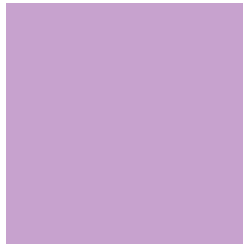
34, 68.853, 31.896



4, 18.111, 11.616

Previews

White Background



This preview shows how the CIELCh color 71, 27.487, 320.991 looks on a white background.

Color Contrast Check

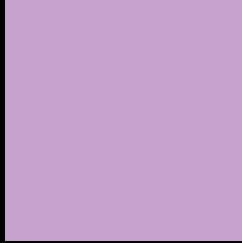
Large Text (above 18pt) WCAG AA × Fail

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 71, 27.487, 320.991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

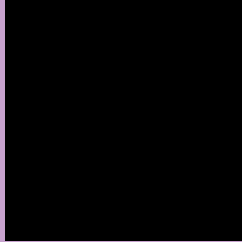
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 27.487, 320.991

Background



This preview shows how black text looks on a background with the CIELCh color 71, 27.487, 320.991.



This preview shows how white text looks on a background with the CIELCh color 71, 27.487, 320.991.

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
71, 13.070, 347.837

Trichromacy



Original Color
71, 27.487, 320.991

Protanomaly
71, 23.261, 300.042

Deuteranomaly
71, 21.726, 308.124

Tritanomaly
71, 18.109, 332.215

Monochromacy



Original Color
71, 27.487, 320.991

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 9.999, 319.539

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 27.487, 320.991 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(199, 162, 206)` looks like.

```
.text, #text, p{  
    color:rgb(199, 162, 206)  
}
```

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(199, 162, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 162, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 27.487, 320.991 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(199, 162, 206) }
```

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

```
.border{ border-color:rgb(199, 162, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 162, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 162, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 162, 206);  
box-shadow:4px 4px 4px 4px rgb(199, 162,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 27.487, 320.991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 162, 206) }
```

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

```
.background{ background-color: rgb(199,  
162, 206) }
```

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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