

Converting Colors

CIELCh(69, 27.133, 321.902)

Have a look what the booklet for
CIELCh(69, 27.133, 321.902)
contains.

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Color

CIELCh(69, 27.179, 321.584)

Conversions

Conversions Part 1

Format	Color
Hex	C19CC7
RGB	193, 156, 199
RGB Percent	76%, 61%, 78%
CMY	0.2423, 0.3874, 0.2188
CMYK	0.03, 0.22, 0.00, 0.22
HSL	292°, 28%, 70%
HSV	292°, 22%, 78%
XYZ	44.3027, 39.3444, 59.4215
YIQ	171.9650, 8.2490, 21.2170

Conversions

Conversions Part 2

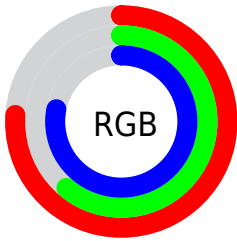
Format	Color
RYB	193, 156, 199
Decimal	12688583
CIELab	69.00, 21.30, -16.89
CIELCh	69, 27.179, 321.584
Yxy	39.3444, 0.3097, 0.2750
Android (android.graphics.Color)	4290878663 (0xFFC19CC7)
YUV	171.9650, 13.3283, 18.4477
Hunter-Lab	62.7251, 16.3056, -12.2598

Details

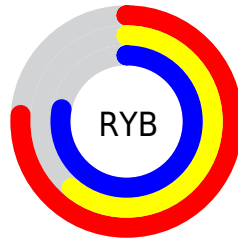
The CIELCh color $69, 27.179, 321.584$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 26.991, 139.438$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 26.683, 322.154$, and $49, 27.472, 321.657$ is the 20% darker color. If you saturate the color by 10%, you get $64, 39.830, 322.042$, and if you desaturate by 10%, it is $74, 14.503, 321.110$.

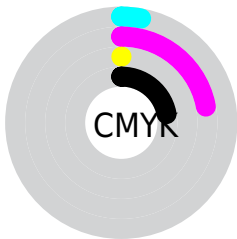
Distribution



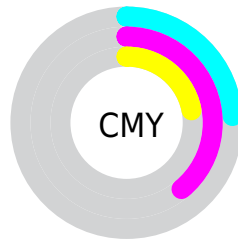
- Red (76%)
- Green (61%)
- Blue (78%)



- Red (76%)
- Yellow (61%)
- Blue (78%)



- Cyan (3%)
- Magenta (22%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (39%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 27.179, 321.584 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 69, 27.179, 321.584 by changing the saturation by 10% instead.

 69, 27.179,
321.584

 69, 27.179,
321.584

 100, 27.179,
321.584

 59, 27.179,
321.584

 89, 27.179,
321.584

 49, 27.179,
321.584

 99, 27.179,
321.584

 39, 27.179,
321.584

 29, 27.179,
321.584

 19, 27.179,
321.584

 9, 27.179, 321.584

 0, 27.179, 321.584

69, 27.179,
321.584

69, 27.179,
321.584

64, 39.830,
322.042

74, 14.503,
321.110

59, 52.211,
322.469

79, 1.976, 320.548

55, 63.965,
322.840

85, 10.301,
140.233

51, 74.628,
323.125

90, 22.268,
139.792

48, 83.661,
323.288

96, 33.405,
139.344

45, 90.544,
323.296

96, 32.883,
137.952


44, 94.937,
323.121

96, 32.380,
136.503

43, 97.021,

96, 31.896,
134.998

322.854

 96, 31.434,
133.435

Harmonies

Complementary

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



69, 27.179, 321.584



77, 26.991, 139.438

Rectangle

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



69, 27.179, 321.584



69, 27.179, 11.584



69, 27.179, 141.584



69, 27.179, 191.584

Sweetspot

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



69, 27.177, 321.584



96, 9.138, 320.840



67, 20.244, 285.981



51, 6.064, 320.873



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 27.177, 321.584



83, 40.052, 321.806



69, 22.182, 337.975



39, 7.077, 321.003



35, 83.655, 322.928



4, 25.145, 321.162

Inverse Universe

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



68, 17.162, 10.071



83, 25.595, 10.679



77, 21.920, 154.689



39, 4.344, 8.724



34, 68.908, 33.109



3, 16.038, 12.210

Previews

White Background



This preview shows how the CIELCh color 69, 27.179, 321.584 looks on a white background.

Color Contrast Check

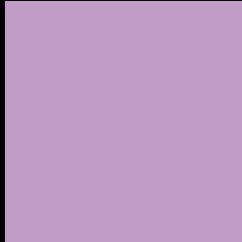
Large Text (above 18pt) WCAG AA × Fail

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 69, 27.179, 321.584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

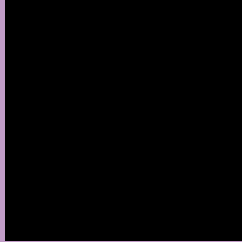
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 27.179, 321.584

Background



This preview shows how black text looks on a background with the CIELCh color 69, 27.179, 321.584.




This preview shows how white text looks on a background with the CIELCh color 69, 27.179, 321.584.

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
69, 12.540, 349.003

Trichromacy



Original Color
69, 27.179, 321.584

Protanomaly
69, 22.844, 300.233

Deuteranomaly
69, 20.794, 308.957

Tritanomaly
69, 17.803, 333.421

Monochromacy



Original Color
69, 27.179, 321.584

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 10.245, 321.395

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 27.179, 321.584 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(193, 156, 199)` looks like.

```
.text, #text, p{  
    color:rgb(193, 156, 199)  
}
```

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(193, 156, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 156, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 27.179, 321.584 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(193, 156, 199) }
```

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

```
.border{ border-color:rgb(193, 156, 199) }
```

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

Here you see how a box with a 4 pixel rgb(193, 156, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 156, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 156, 199);  
box-shadow:4px 4px 4px 4px rgb(193, 156,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 27.179, 321.584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 156, 199) }
```

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

```
.background{ background-color: rgb(193,  
156, 199) }
```

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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