

Converting Colors

CIE LCh(69, 27.323, 322.268)

Have a look what the booklet for
CIELCh(69, 27.323, 322.268)
contains.

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Color

CIELCh(69, 27.350, 322.273)

Conversions

Conversions Part 1

Format	Color
Hex	C29CC7
RGB	194, 156, 199
RGB Percent	76%, 61%, 78%
CMY	0.2394, 0.3884, 0.2198
CMYK	0.03, 0.22, 0.00, 0.22
HSL	293°, 28%, 70%
HSV	293°, 22%, 78%
XYZ	44.4183, 39.3444, 59.2552
YIQ	172.2640, 8.8450, 21.4290

Conversions

Conversions Part 2

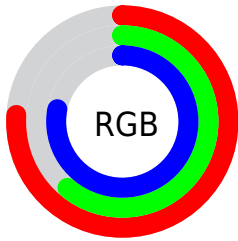
Format	Color
RYB	194, 156, 199
Decimal	12754119
CIELab	69.00, 21.63, -16.74
CIELCh	69, 27.350, 322.273
Yxy	39.3444, 0.3106, 0.2751
Android (android.graphics.Color)	4290944199 (0xFFC29CC7)
YUV	172.2640, 13.1808, 19.0625
Hunter-Lab	62.7251, 16.6344, -12.1025

Details

The CIELCh color $69, 27.350, 322.273$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 27.193, 140.067$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 26.855, 322.815$, and $49, 27.641, 322.387$ is the 20% darker color. If you saturate the color by 10%, you get $64, 40.039, 322.741$, and if you desaturate by 10%, it is $74, 14.615, 321.789$.

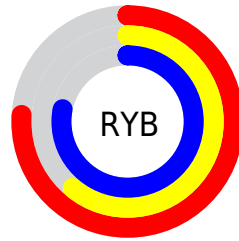
Distribution



Red (76%)

Green (61%)

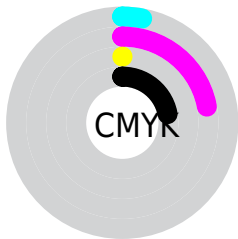
Blue (78%)



Red (76%)

Yellow (61%)

Blue (78%)

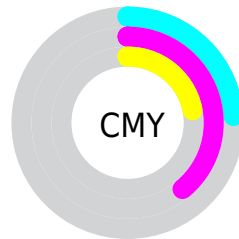


Cyan (3%)

Magenta (22%)

Yellow (0%)

Black (22%)



Cyan (24%)

Magenta (39%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 27.350, 322.273 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, 27.350, 322.273 by changing the saturation by 10% instead.

 69, 27.350,
322.273


 69, 27.350,
322.273


 100, 27.350,
322.273


 59, 27.350,
322.273


 89, 27.350,
322.273

 49, 27.350,
322.273

 99, 27.350,
322.273

 39, 27.350,
322.273

 29, 27.350,
322.273

 19, 27.350,
322.273

 9, 27.350, 322.273

 0, 27.350, 322.273

69, 27.350,
322.273

69, 27.350,
322.273

64, 40.039,
322.741

74, 14.615,
321.789

59, 52.428,
323.176

79, 2.017, 321.216

55, 64.149,
323.556

85, 10.336,
140.890

51, 74.736,
323.853

90, 22.381,
140.435

48, 83.655,
324.034

95, 33.825,
139.998

46, 90.406,
324.071

96, 33.383,
138.871


44, 94.675,
323.940

96, 32.953,
137.707

43, 96.675,

96, 32.535,
136.503

323.721

 96, 32.131,
135.260

Harmonies

Complementary

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



69, 27.350, 322.273



77, 27.193, 140.067

Rectangle

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



69, 27.350, 322.273



69, 27.350, 12.273



69, 27.350, 142.273



69, 27.350, 192.273

Sweetspot

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



69, 27.348, 322.273



96, 9.202, 321.511



67, 21.028, 287.651



51, 6.106, 321.546



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, 27.348, 322.273



84, 40.290, 322.499



69, 21.681, 339.523



39, 7.125, 321.679



35, 83.444, 323.783



4, 25.413, 322.191

Inverse Universe

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



68, 17.109, 11.877



83, 25.535, 12.472



77, 21.369, 156.126



39, 4.321, 10.559



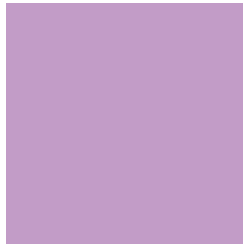
34, 69.947, 34.510



3, 15.995, 13.397

Previews

White Background



This preview shows how the CIELCh color 69, 27.350, 322.273 looks on a white background.

Color Contrast Check

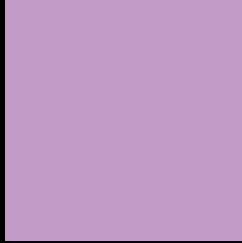
Large Text (above 18pt) WCAG AA × Fail

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, 27.350, 322.273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

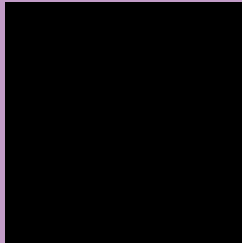
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 27.350, 322.273

Background



This preview shows how black text looks on a background with the CIELCh color 69, 27.350, 322.273.



This preview shows how white text looks on a background with the CIELCh color 69, 27.350, 322.273.

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


69, 27.350, 322.273

Protanopia

69, 21.494, 285.987

Deuteranopia

69, 17.766, 298.752



Tritanopia
69, 12.869, 349.950

Trichromacy



Original Color
69, 27.350, 322.273

Protanomaly
69, 22.302, 300.394

Deuteranomaly
69, 20.794, 308.957

Tritanomaly
69, 17.415, 334.657

Monochromacy



Original Color
69, 27.350, 322.273

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, 27.350, 322.273 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(194, 156, 199)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 156, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 156, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 27.350, 322.273 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(194, 156, 199) }
```

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

```
.border{ border-color:rgb(194, 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(194, 156, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 156, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 156, 199);  
box-shadow:4px 4px 4px 4px rgb(194, 156,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 27.350, 322.273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 156, 199) }
```

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

```
.background{ background-color: rgb(194,  
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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