

Converting Colors

CIELCh(69, 27.011, 325.166)

Have a look what the booklet for
CIELCh(69, 27.011, 325.166)
contains.

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Color

CIELCh(69, 27.463, 324.925)

Conversions

Conversions Part 1

Format	Color
Hex	C49BC5
RGB	196, 155, 197
RGB Percent	77%, 61%, 77%
CMY	0.2303, 0.3911, 0.2264
CMYK	0.01, 0.21, 0.00, 0.23
HSL	299°, 27%, 69%
HSV	299°, 21%, 77%
XYZ	44.7087, 39.3444, 58.2228
YIQ	172.0470, 10.9540, 21.7540

Conversions

Conversions Part 2

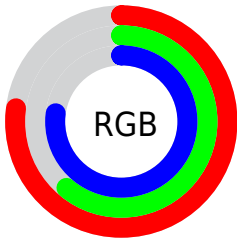
Format	Color
RYB	196, 155, 197
Decimal	12884933
CIELab	69.00, 22.48, -15.78
CIElCh	69, 27.463, 324.925
Yxy	39.3444, 0.3142, 0.2765
Android (android.graphics.Color)	4291075013 (0xFFC49BC5)
YUV	172.0470, 12.3018, 21.0068
Hunter-Lab	62.7251, 17.4607, -11.1267

Details

The CIELCh color $69, 27.463, 324.925$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 27.419, 142.486$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 27.413, 324.757$, and $49, 27.733, 325.202$ is the 20% darker color. If you saturate the color by 10%, you get $64, 40.293, 325.442$, and if you desaturate by 10%, it is $74, 14.513, 324.389$.

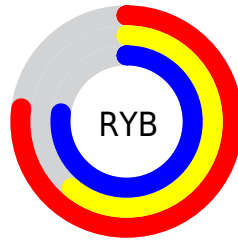
Distribution



Red (77%)

Green (61%)

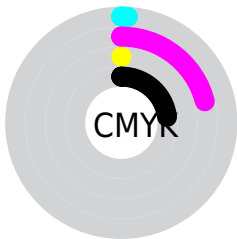
Blue (77%)



Red (77%)

Yellow (61%)

Blue (77%)

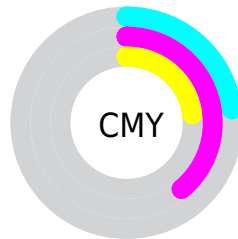


Cyan (1%)

Magenta (21%)

Yellow (0%)

Black (23%)



Cyan (23%)


Magenta (39%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 27.463, 324.925 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, 27.463, 324.925 by changing the saturation by 10% instead.


 69, 27.463,
324.925


 69, 27.463,
324.925


 100, 27.463,
324.925

 59, 27.463,
324.925

 89, 27.463,
324.925

 49, 27.463,
324.925

 99, 27.463,
324.925

 39, 27.463,
324.925

 29, 27.463,
324.925

 19, 27.463,
324.925

 9, 27.463, 324.925

 0, 27.463, 324.925

69, 27.463,
324.925

69, 27.463,
324.925

64, 40.293,
325.442

74, 14.513,
324.389

60, 52.715,
325.929

79, 1.658, 323.728

56, 64.335,
326.368

84, 10.970,
143.382

53, 74.677,
326.740

89, 23.289,
142.869

50, 83.239,
327.026

95, 35.253,
142.385

48, 89.594,
327.212

95, 35.822,
142.169


47, 93.531,
327.292

95, 35.727,
141.966

46, 95.362,

95, 35.633,
141.762

327.292

 95, 35.539,
141.556

Harmonies

Complementary

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



69, 27.463, 324.925



76, 27.419, 142.486

Rectangle

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



69, 27.463, 324.925



69, 27.463, 14.925



69, 27.463, 144.925



69, 27.463, 194.925

Sweetspot

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



69, 27.461, 324.925



96, 9.467, 324.099



66, 22.544, 291.289



51, 6.282, 324.137



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, 27.461, 324.925



84, 41.295, 325.192



68, 20.066, 343.694



39, 7.328, 324.285



38, 82.847, 327.305



4, 26.474, 326.079

Inverse Universe

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



68, 16.686, 19.090



83, 25.565, 19.646



76, 19.621, 160.080



39, 4.278, 17.999



34, 73.689, 38.814



3, 15.893, 18.172

Previews

White Background



This preview shows how the CIELCh color 69, 27.463, 324.925 looks on a white background.

Color Contrast Check

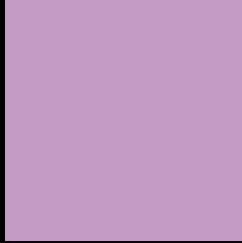
Large Text (above 18pt) WCAG AA × Fail

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, 27.463, 324.925 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, 27.463, 324.925

Background



This preview shows how black text looks on a background with the CIELCh color 69, 27.463, 324.925.



This preview shows how white text looks on a background with the CIELCh color 69, 27.463, 324.925.

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, 27.463, 324.925

Protanopia

69, 20.951, 285.752

Deuteranopia

69, 17.889, 301.016



Tritanopia
69, 14.233, 353.330

Trichromacy



Original Color
69, 27.463, 324.925

Protanomaly
69, 21.814, 301.477

Deuteranomaly
69, 20.637, 312.293

Tritanomaly
69, 18.491, 338.231

Monochromacy



Original Color
69, 27.463, 324.925

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 9.985, 324.866

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 27.463, 324.925 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(196, 155, 197)` looks like.

```
.text, #text, p{  
    color:rgb(196, 155, 197)  
}
```

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(196, 155, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 155, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 27.463, 324.925 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(196, 155, 197) }
```

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

```
.border{ border-color:rgb(196, 155, 197) }
```

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

Here you see how a box with a 4 pixel rgb(196, 155, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 155, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 155, 197);  
box-shadow:4px 4px 4px 4px rgb(196, 155,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 27.463, 324.925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 155, 197) }
```

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

```
.background{ background-color: rgb(196,  
155, 197) }
```

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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