

Converting Colors

CIELCh(67, 28.217, 292.978)

Have a look what the booklet for
CIELCh(67, 28.217, 292.978)
contains.

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Color

CIELCh(67, 28.211, 293.020)

Conversions

Conversions Part 1

Format	Color
Hex	9F9FD2
RGB	159, 159, 210
RGB Percent	62%, 62%, 82%
CMY	0.3780, 0.3779, 0.1780
CMYK	0.24, 0.24, 0.00, 0.18
HSL	240°, 36%, 72%
HSV	240°, 24%, 82%
XYZ	38.1389, 36.6320, 65.7740
YIQ	164.8140, -16.3710, 15.8610

Conversions

Conversions Part 2

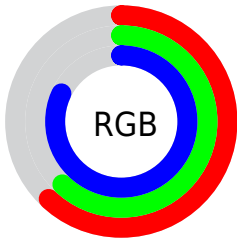
Format	Color
RYB	159, 159, 210
Decimal	10461138
CIELab	67.00, 11.03, -25.96
CIElCh	67, 28.211, 293.020
Yxy	36.6320, 0.2714, 0.2606
Android (android.graphics.Color)	4288651218 (0xFF9F9FD2)
YUV	164.8140, 22.2767, -5.0989
Hunter-Lab	60.5244, 6.5626, -22.0655

Details

The CIELCh color $67, 28.211, 293.020$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $83, 26.640, 107.822$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 21.503, 291.954$, and $47, 27.820, 292.437$ is the 20% darker color. If you saturate the color by 10%, you get $60, 40.665, 294.557$, and if you desaturate by 10%, it is $74, 16.273, 291.711$.

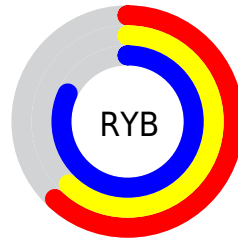
Distribution



Red (62%)

Green (62%)

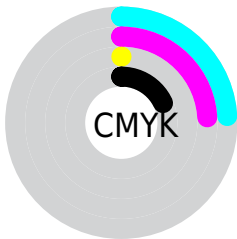
Blue (82%)



Red (62%)

Yellow (62%)

Blue (82%)

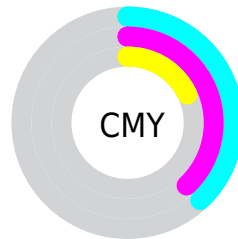


Cyan (24%)

Magenta (24%)

Yellow (0%)

Black (18%)



Cyan (38%)


Magenta (38%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 28.211, 293.020 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 67, 28.211, 293.020 by changing the saturation by 10% instead.

 67, 28.211,
293.020


 67, 28.211,
293.020


 100, 28.211,
293.020


 57, 28.211,
293.020


 87, 28.211,
293.020

 47, 28.211,
293.020


 97, 28.211,
293.020

 37, 28.211,
293.020

 27, 28.211,
293.020

 17, 28.211,
293.020

 7, 28.211, 293.020

 0, 28.211, 293.020

67, 28.211,
293.020

67, 28.211,
293.020

60, 40.665,
294.557

74, 16.273,
291.711

53, 53.651,
296.344

81, 4.821, 290.611

88, 6.183, 109.646

46, 67.106,
298.370

95, 16.773,
108.853

40, 80.773,
300.563

99, 22.928,
108.440

34, 93.955,
302.748

30, 105.248,
304.624

27, 112.734,
305.851

26, 115.417,

Harmonies

Complementary

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



67, 28.211, 293.020



83, 26.640, 107.822

Rectangle

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



67, 28.211, 293.020



67, 28.211, 343.020



67, 28.211, 113.020



67, 28.211, 163.020

Sweetspot

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



67, 28.210, 293.019



94, 9.193, 290.893



81, 17.316, 196.673



50, 5.980, 290.958



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 28.210, 293.019



76, 39.852, 293.758



69, 29.443, 309.665



40, 6.371, 291.145



19, 98.020, 306.285



1, 25.552, 293.212

Inverse Universe

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



70, 20.307, 21.250



81, 28.927, 21.813



81, 28.438, 127.355



41, 4.460, 19.914



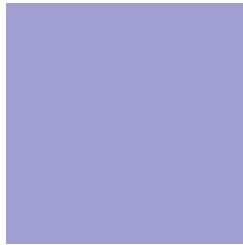
35, 76.449, 39.857



4, 20.018, 19.459

Previews

White Background



This preview shows how the CIELCh color 67, 28.211, 293.020 looks on a white background.

Color Contrast Check

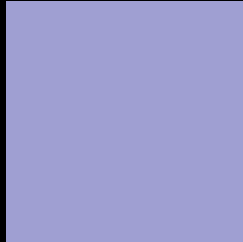
Large Text (above 18pt) WCAG AA × Fail

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 67, 28.211, 293.020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

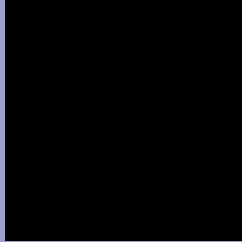
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 28.211, 293.020

Background



This preview shows how black text looks on a background with the CIELCh color 67, 28.211, 293.020.



This preview shows how white text looks on a background with the CIELCh color 67, 28.211, 293.020.

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

67, 28.211, 293.020

Protanopia

67, 27.757, 285.552

Deuteranopia

67, 27.117, 288.733



Tritanopia
67, 8.467, 257.418

Trichromacy



Original Color
67, 28.211, 293.020

Protanomaly
67, 27.683, 288.212

Deuteranomaly
67, 27.090, 290.111

Tritanomaly
67, 14.627, 279.219

Monochromacy



Original Color
67, 28.211, 293.020

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 10.503, 291.261

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 28.211, 293.020 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(159, 159, 210)` looks like.

```
.text, #text, p{  
    color:rgb(159, 159, 210)  
}
```

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(159, 159, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 159, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 28.211, 293.020 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(159, 159, 210) }
```

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

```
.border{ border-color:rgb(159, 159, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 159, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 159, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 159, 210);  
box-shadow:4px 4px 4px 4px rgb(159, 159,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 28.211, 293.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 159, 210) }
```

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

```
.background{ background-color: rgb(159,  
159, 210) }
```

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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