

Converting Colors

CIELCh(67, 19.711, 291.239)

Have a look what the booklet for
CIELCh(67, 19.711, 291.239)
contains.

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Color

CIELCh(67, 19.919, 291.219)

Conversions

Conversions Part 1

Format	Color
Hex	9FA0C4
RGB	159, 160, 196
RGB Percent	62%, 63%, 77%
CMY	0.3754, 0.3715, 0.2303
CMYK	0.19, 0.18, 0.00, 0.23
HSL	238°, 24%, 70%
HSV	238°, 19%, 77%
XYZ	36.9652, 36.6320, 57.5141
YIQ	163.8050, -12.1520, 10.9840

Conversions

Conversions Part 2

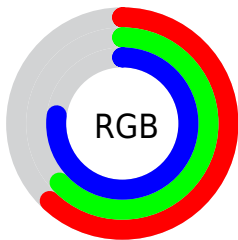
Format	Color
R_{YB}	159, 160, 196
Decimal	10461380
CIE _{Lab}	67.00, 7.21, -18.57
CIE _{LCh}	67, 19.919, 291.219
Yxy	36.6320, 0.2819, 0.2794
Android (android.graphics.Color)	4288651460 (0xFF9FA0C4)
YUV	163.8050, 15.8721, -4.2140
Hunter-Lab	60.5244, 3.1010, -13.9741

Details

The CIELCh color $67, 19.919, 291.219$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $78, 19.121, 107.230$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 19.913, 290.863$, and $47, 19.554, 290.689$ is the 20% darker color. If you saturate the color by 10%, you get $60, 31.108, 292.640$, and if you desaturate by 10%, it is $74, 9.175, 290.011$.

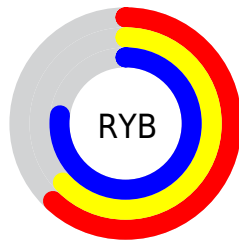
Distribution



Red (62%)

Green (63%)

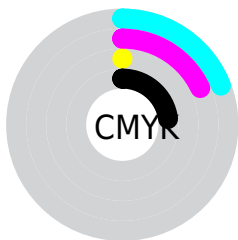
Blue (77%)



Red (62%)

Yellow (63%)

Blue (77%)

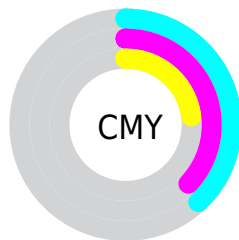


Cyan (19%)

Magenta (18%)

Yellow (0%)

Black (23%)



Cyan (38%)

Magenta (37%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 19.919, 291.219 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, 19.919, 291.219 by changing the saturation by 10% instead.

■ 67, 19.919,
291.219

■ 67, 19.919,
291.219

■ 100, 19.919,
291.219

■ 57, 19.919,
291.219

■ 87, 19.919,
291.219

■ 47, 19.919,
291.219

■ 97, 19.919,
291.219

■ 37, 19.919,
291.219

■ 27, 19.919,
291.219

■ 17, 19.919,
291.219

■ 7, 19.919, 291.219

■ 0, 19.919, 291.219

67, 19.919,
291.219

67, 19.919,
291.219

60, 31.108,
292.640

74, 9.175, 290.011

54, 42.775,
294.305

80, 1.154, 108.911

48, 54.920,
296.227

86, 11.101,
108.093

41, 67.460,
298.381

93, 20.693,
107.349

35, 80.090,
300.673

99, 29.589,
107.928

30, 92.053,
302.900

27, 101.943,
304.750

24, 108.148,

305.895

■ 24, 108.689,
305.986

Harmonies

Complementary

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



67, 19.919, 291.219



78, 19.121, 107.230

Rectangle

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



67, 19.919, 291.219



67, 19.919, 341.219



67, 19.919, 111.219



67, 19.919, 161.219

Sweetspot

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



67, 19.917, 291.217



95, 7.652, 289.714



77, 12.992, 195.508



50, 5.081, 289.784



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, 19.917, 291.217



81, 30.322, 291.830



68, 21.410, 308.801



37, 5.819, 290.067



19, 93.406, 305.902



1, 19.102, 290.421

Inverse Universe

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



69, 14.578, 18.589



84, 22.361, 19.054



77, 20.830, 127.026



38, 4.187, 17.734



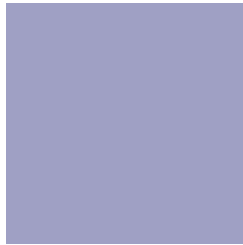
33, 72.663, 38.631



3, 14.009, 17.929

Previews

White Background



This preview shows how the CIELCh color 67, 19.919, 291.219 looks on a white background.

Color Contrast Check

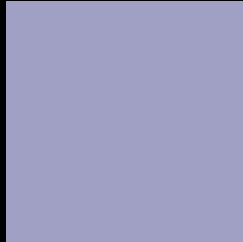
Large Text (above 18pt) WCAG AA × Fail

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, 19.919, 291.219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

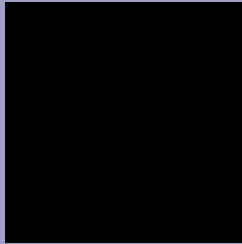
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 19.919, 291.219

Background



This preview shows how black text looks on a background with the CIELCh color 67, 19.919, 291.219.



This preview shows how white text looks on a background with the CIELCh color 67, 19.919, 291.219.

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

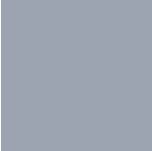
67, 19.919, 291.219

Protanopia

67, 19.966, 286.307

Deuteranopia

67, 20.537, 295.171



Tritanopia
67, 7.685, 268.746

Trichromacy



Original Color
67, 19.919, 291.219

Protanomaly
67, 19.922, 288.253

Deuteranomaly
67, 20.518, 294.204

Tritanomaly
67, 11.750, 280.887

Monochromacy



Original Color
67, 19.919, 291.219

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 7.185, 287.999

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 19.919, 291.219 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, 160, 196)` looks like.

```
.text, #text, p{  
    color:rgb(159, 160, 196)  
}
```

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, 160, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 160, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 19.919, 291.219 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, 160, 196) }
```

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

```
.border{ border-color:rgb(159, 160, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 160, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 160, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 160, 196);  
box-shadow:4px 4px 4px 4px rgb(159, 160,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 19.919, 291.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 160, 196) }
```

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

```
.background{ background-color: rgb(159,  
160, 196) }
```

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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