

Converting Colors

CIELCh(67, 19.434, 295.245)

Have a look what the booklet for
CIELCh(67, 19.434, 295.245)
contains.

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Color

CIELCh(67, 19.412, 295.236)

Conversions

Conversions Part 1

Format	Color
Hex	A3A0C3
RGB	163, 160, 195
RGB Percent	64%, 63%, 76%
CMY	0.3627, 0.3744, 0.2372
CMYK	0.16, 0.18, 0.00, 0.24
HSL	245°, 22%, 69%
HSV	245°, 18%, 76%
XYZ	37.2903, 36.6320, 56.4437
YIQ	164.8870, -9.4470, 11.5210

Conversions

Conversions Part 2

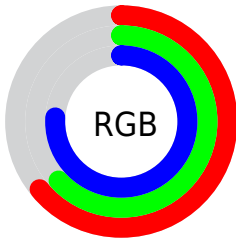
Format	Color
RYB	163, 160, 195
Decimal	10723523
CIELab	67.00, 8.28, -17.56
CIELCh	67, 19.412, 295.236
Yxy	36.6320, 0.2860, 0.2810
Android (android.graphics.Color)	4288913603 (0xFFA3A0C3)
YUV	164.8870, 14.8457, -1.6549
Hunter-Lab	60.5244, 4.0599, -12.9256

Details

The CIELCh color $67, 19.412, 295.236$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $78, 18.637, 112.051$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 19.433, 294.746$, and $47, 18.986, 294.886$ is the 20% darker color. If you saturate the color by 10%, you get $61, 30.825, 296.398$, and if you desaturate by 10%, it is $73, 8.450, 294.238$.

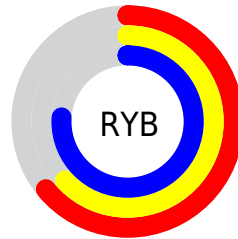
Distribution



Red (64%)

Green (63%)

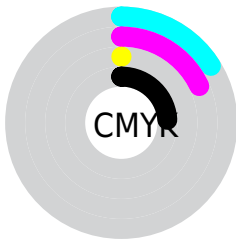
Blue (76%)



Red (64%)

Yellow (63%)

Blue (76%)

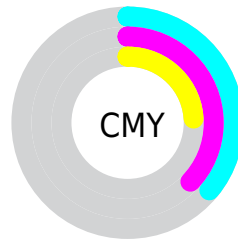


Cyan (16%)

Magenta (18%)

Yellow (0%)

Black (24%)



Cyan (36%)

Magenta (37%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 19.412, 295.236 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, 19.412, 295.236 by changing the saturation by 10% instead.


 67, 19.412,
295.236


 67, 19.412,
295.236


 100, 19.412,
295.236


 57, 19.412,
295.236


 87, 19.412,
295.236

 47, 19.412,
295.236

 97, 19.412,
295.236

 37, 19.412,
295.236

 27, 19.412,
295.236

 17, 19.412,
295.236

 7, 19.412, 295.236

 0, 19.412, 295.236

67, 19.412,
295.236

67, 19.412,
295.236

61, 30.825,
296.398

73, 8.450, 294.238

54, 42.710,
297.744

80, 2.082, 113.367

48, 55.039,
299.275

86, 12.216,
112.650

41, 67.686,
300.965

93, 21.980,
112.027

36, 80.297,
302.728

98, 30.509,
110.384

31, 92.082,
304.389

99, 30.471,
107.861

27, 101.663,
305.683

24, 107.677,

306.400

■ 24, 108.695,
306.543

Harmonies

Complementary

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



67, 19.412, 295.236



78, 18.637, 112.051

Rectangle

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



67, 19.412, 295.236



67, 19.412, 345.236



67, 19.412, 115.236



67, 19.412, 165.236

Sweetspot

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



67, 19.410, 295.234



95, 6.507, 293.979



75, 11.307, 206.626



51, 4.481, 294.041



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, 19.410, 295.234



82, 29.605, 295.720



68, 20.708, 312.694



37, 5.999, 294.367



19, 94.251, 306.595



1, 19.514, 293.450

Inverse Universe

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



70, 21.766, 327.854



86, 32.932, 328.109



76, 20.302, 131.149



38, 6.815, 327.347



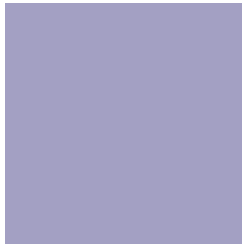
37, 76.547, 331.918



4, 22.360, 329.386

Previews

White Background



This preview shows how the CIELCh color 67, 19.412, 295.236 looks on a white background.

Color Contrast Check

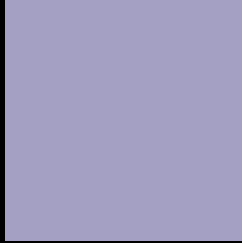
Large Text (above 18pt) WCAG AA × Fail

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, 19.412, 295.236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

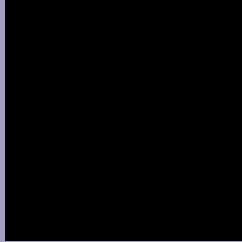
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 19.412, 295.236

Background



This preview shows how black text looks on a background with the CIELCh color 67, 19.412, 295.236.



This preview shows how white text looks on a background with the CIELCh color 67, 19.412, 295.236.

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

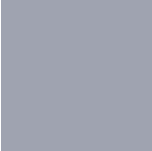
67, 19.412, 295.236

Protanopia

67, 18.850, 285.805

Deuteranopia

67, 20.011, 296.203



Tritanopia
67, 7.304, 279.392

Trichromacy



Original Color
67, 19.412, 295.236

Protanomaly
67, 18.807, 288.934

Deuteranomaly
67, 20.011, 296.203

Tritanomaly
67, 11.618, 287.833

Monochromacy



Original Color
67, 19.412, 295.236

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 7.204, 293.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 19.412, 295.236 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(163, 160, 195)` looks like.

```
.text, #text, p{  
    color:rgb(163, 160, 195)  
}
```

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(163, 160, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 160, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 19.412, 295.236 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(163, 160, 195) }
```

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

```
.border{ border-color:rgb(163, 160, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 160, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 160, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 160, 195);  
box-shadow:4px 4px 4px 4px rgb(163, 160,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 19.412, 295.236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 160, 195) }
```

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

```
.background{ background-color: rgb(163,  
160, 195) }
```

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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