

Converting Colors

CIELCh(69, 15.309, 293.092)

Have a look what the booklet for
CIELCh(69, 15.309, 293.092)
contains.

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Color

CIELCh(69, 15.410, 293.031)

Conversions

Conversions Part 1

Format	Color
Hex	A7A6C2
RGB	167, 166, 194
RGB Percent	65%, 65%, 76%
CMY	0.3454, 0.3493, 0.2395
CMYK	0.14, 0.14, 0.00, 0.24
HSL	242°, 19%, 71%
HSV	242°, 14%, 76%
XYZ	39.2723, 39.3444, 56.5183
YIQ	169.4910, -8.3920, 8.9200

Conversions

Conversions Part 2

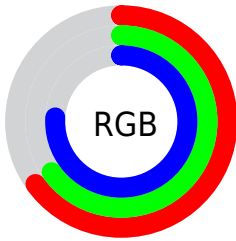
Format	Color
RYB	167, 166, 194
Decimal	10987202
CIELab	69.00, 6.03, -14.18
CIElCh	69, 15.410, 293.031
Yxy	39.3444, 0.2906, 0.2911
Android (android.graphics.Color)	4289177282 (0xFFA7A6C2)
YUV	169.4910, 12.0829, -2.1846
Hunter-Lab	62.7251, 1.9901, -9.5155

Details

The CIELCh color $69, 15.410, 293.031$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $78, 14.912, 110.276$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 15.658, 292.691$, and $49, 15.310, 293.553$ is the 20% darker color. If you saturate the color by 10%, you get $62, 26.620, 294.244$, and if you desaturate by 10%, it is $76, 4.647, 292.000$.

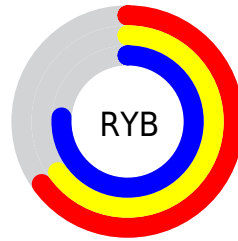
Distribution



Red (65%)

Green (65%)

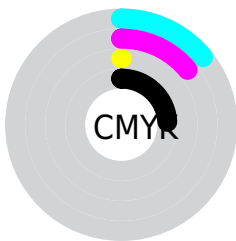
Blue (76%)



Red (65%)

Yellow (65%)

Blue (76%)

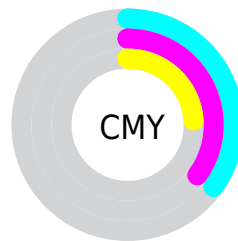


Cyan (14%)

Magenta (14%)

Yellow (0%)

Black (24%)



Cyan (35%)


Magenta (35%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 15.410, 293.031 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, 15.410, 293.031 by changing the saturation by 10% instead.


 69, 15.410,
293.031


 69, 15.410,
293.031


 100, 15.410,
293.031


 59, 15.410,
293.031


 89, 15.410,
293.031

 49, 15.410,
293.031

 99, 15.410,
293.031

 39, 15.410,
293.031

 29, 15.410,
293.031

 19, 15.410,
293.031

 9, 15.410, 293.031

 0, 15.410, 293.031

69, 15.410,
293.031

69, 15.410,
293.031

62, 26.620,
294.244

76, 4.647, 292.000

56, 38.310,
295.665

82, 5.695, 111.099

49, 50.483,
297.307

88, 15.651,
110.353

43, 63.072,
299.158

95, 25.246,
109.712

37, 75.836,
301.153

99, 30.761,
107.838

32, 88.152,
303.136

27, 98.783,
304.839

24, 106.011,

305.946

■ 23, 108.726,
306.386

Harmonies

Complementary

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



69, 15.410, 293.031



78, 14.912, 110.276

Rectangle

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



69, 15.410, 293.031



69, 15.410, 343.031



69, 15.410, 113.031



69, 15.410, 163.031

Sweetspot

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



69, 15.408, 293.028



96, 5.188, 291.965



76, 9.595, 201.733



51, 3.722, 292.037



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, 15.408, 293.028



85, 22.607, 293.353



70, 16.339, 310.853



37, 5.988, 292.484



18, 94.530, 306.412



1, 19.490, 292.099

Inverse Universe

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



71, 18.015, 326.190



89, 26.307, 326.350



77, 16.044, 129.601



38, 7.053, 325.901



38, 79.578, 329.684



4, 23.433, 327.544

Previews

White Background



This preview shows how the CIELCh color 69, 15.410, 293.031 looks on a white background.

Color Contrast Check

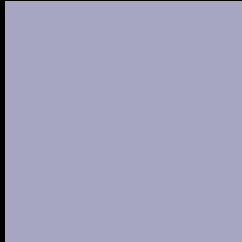
Large Text (above 18pt) WCAG AA × Fail

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, 15.410, 293.031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

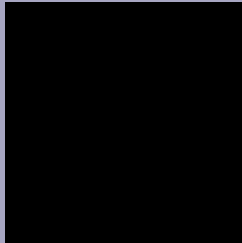
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 15.410, 293.031

Background



This preview shows how black text looks on a background with the CIELCh color 69, 15.410, 293.031.



This preview shows how white text looks on a background with the CIELCh color 69, 15.410, 293.031.

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, 15.410, 293.031

Protanopia

69, 15.422, 286.514

Deuteranopia

69, 16.807, 301.551



Tritanopia
69, 7.207, 282.191

Trichromacy



Original Color
69, 15.410, 293.031

Protanomaly
69, 15.401, 287.805

Deuteranomaly
69, 16.087, 298.090

Tritanomaly
69, 10.445, 289.259

Monochromacy



Original Color
69, 15.410, 293.031

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 5.496, 290.741

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 15.410, 293.031 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(167, 166, 194)` looks like.

```
.text, #text, p{  
    color:rgb(167, 166, 194)  
}
```

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(167, 166, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 166, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 15.410, 293.031 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(167, 166, 194) }
```

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

```
.border{ border-color:rgb(167, 166, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 166, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 166, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 166, 194);  
box-shadow:4px 4px 4px 4px rgb(167, 166,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 15.410, 293.031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 166, 194) }
```

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

```
.background{ background-color: rgb(167,  
166, 194) }
```

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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