

Converting Colors

CIELCh(69, 15.533, 296.470)

Have a look what the booklet for
CIELCh(69, 15.533, 296.470)
contains.

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Color

CIELCh(69, 15.501, 296.970)

Conversions

Conversions Part 1

Format	Color
Hex	A9A5C1
RGB	169, 165, 193
RGB Percent	66%, 65%, 76%
CMY	0.3361, 0.3518, 0.2420
CMYK	0.12, 0.14, 0.00, 0.24
HSL	249°, 18%, 70%
HSV	249°, 14%, 76%
XYZ	39.5899, 39.3444, 56.1325
YIQ	169.3880, -6.6040, 9.5560

Conversions

Conversions Part 2

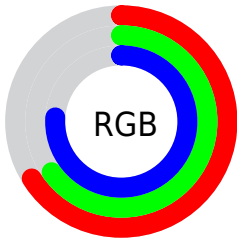
Format	Color
RYB	169, 165, 193
Decimal	11118017
CIELab	69.00, 7.03, -13.82
CIELCh	69, 15.501, 296.970
Yxy	39.3444, 0.2931, 0.2913
Android (android.graphics.Color)	4289308097 (0xFFA9A5C1)
YUV	169.3880, 11.6407, -0.3403
Hunter-Lab	62.7251, 2.8940, -9.1508

Details

The CIELCh color $69, 15.501, 296.970$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $77, 15.014, 114.697$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 15.221, 296.548$, and $49, 15.413, 297.714$ is the 20% darker color. If you saturate the color by 10%, you get $63, 26.717, 297.950$, and if you desaturate by 10%, it is $75, 4.715, 296.122$.

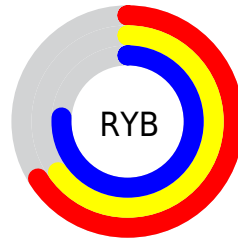
Distribution



Red (66%)

Green (65%)

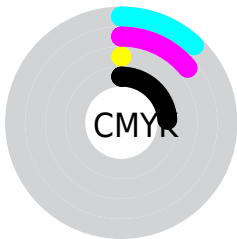
Blue (76%)



Red (66%)

Yellow (65%)

Blue (76%)

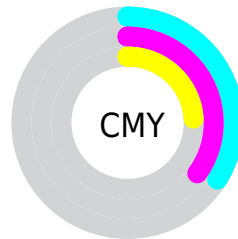


Cyan (12%)

Magenta (14%)

Yellow (0%)

Black (24%)



Cyan (34%)


Magenta (35%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 15.501, 296.970 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, 15.501, 296.970 by changing the saturation by 10% instead.


 69, 15.501,
296.970


 69, 15.501,
296.970


 100, 15.501,
296.970


 59, 15.501,
296.970


 89, 15.501,
296.970

 49, 15.501,
296.970

 99, 15.501,
296.970

 39, 15.501,
296.970

 29, 15.501,
296.970

 19, 15.501,
296.970

 9, 15.501, 296.970

 0, 15.501, 296.970

69, 15.501,
296.970

69, 15.501,
296.970

63, 26.717,
297.950

75, 4.715, 296.122

56, 38.380,
299.081

82, 5.659, 115.391

50, 50.469,
300.364

88, 15.650,
114.768

44, 62.886,
301.782

94, 25.283,
114.232

38, 75.367,
303.275

98, 31.099,
109.819

33, 87.318,
304.720

99, 31.073,
107.814

28, 97.648,
305.908

25, 104.866,

306.584

■ 24, 107.705,
306.827

Harmonies

Complementary

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



69, 15.501, 296.970



77, 15.014, 114.697

Rectangle

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



69, 15.501, 296.970



69, 15.501, 346.970



69, 15.501, 116.970



69, 15.501, 166.970

Sweetspot

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



69, 15.499, 296.968



96, 5.216, 296.089



75, 8.790, 212.114



51, 3.741, 296.149



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, 15.499, 296.968



86, 22.712, 297.227



70, 16.717, 314.183



38, 6.019, 296.518



19, 93.804, 306.899



1, 19.554, 294.992

Inverse Universe

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



71, 16.746, 329.453



89, 24.434, 329.625



76, 16.485, 132.973



38, 6.548, 329.137



37, 73.241, 334.792



4, 21.167, 331.789

Previews

White Background



This preview shows how the CIELCh color 69, 15.501, 296.970 looks on a white background.

Color Contrast Check

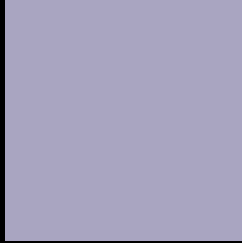
Large Text (above 18pt) WCAG AA × Fail

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, 15.501, 296.970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

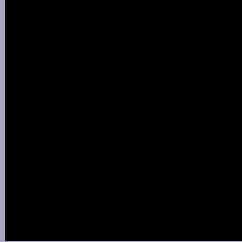
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 15.501, 296.970

Background



This preview shows how black text looks on a background with the CIELCh color 69, 15.501, 296.970.



This preview shows how white text looks on a background with the CIELCh color 69, 15.501, 296.970.

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, 15.501, 296.970

Protanopia

69, 14.876, 286.255

Deuteranopia

69, 16.873, 302.750



Tritanopia
69, 7.699, 290.961

Trichromacy



Original Color
69, 15.501, 296.970

Protanomaly
69, 15.399, 290.415

Deuteranomaly
69, 16.807, 301.551

Tritanomaly
69, 10.492, 295.186

Monochromacy



Original Color
69, 15.501, 296.970

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 5.555, 298.376

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 15.501, 296.970 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(169, 165, 193)` looks like.

```
.text, #text, p{  
    color:rgb(169, 165, 193)  
}
```

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(169, 165, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 165, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 15.501, 296.970 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(169, 165, 193) }
```

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

```
.border{ border-color:rgb(169, 165, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 165, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 165, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 165, 193);  
box-shadow:4px 4px 4px 4px rgb(169, 165,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 15.501, 296.970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 165, 193) }
```

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

```
.background{ background-color: rgb(169,  
165, 193) }
```

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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