

Converting Colors

CIELCh(69, 17.392, 302.428)

Have a look what the booklet for
CIELCh(69, 17.392, 302.428)
contains.

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Color

CIELCh(69, 17.411, 302.433)

Conversions

Conversions Part 1

Format	Color
Hex	ADA4C3
RGB	173, 164, 195
RGB Percent	68%, 64%, 76%
CMY	0.3218, 0.3571, 0.2355
CMYK	0.11, 0.16, 0.00, 0.24
HSL	257°, 21%, 70%
HSV	257°, 16%, 76%
XYZ	40.3284, 39.3444, 57.0617
YIQ	170.2250, -4.5870, 11.5490

Conversions

Conversions Part 2

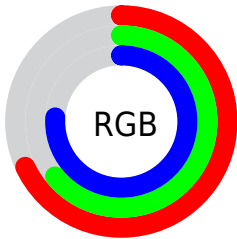
Format	Color
RYB	173, 164, 195
Decimal	11379907
CIELab	69.00, 9.34, -14.70
CIELCh	69, 17.411, 302.433
Yxy	39.3444, 0.2949, 0.2877
Android (android.graphics.Color)	4289569987 (0xFFADA4C3)
YUV	170.2250, 12.2141, 2.4337
Hunter-Lab	62.7251, 4.9957, -10.0292

Details

The CIELCh color $69, 17.411, 302.433$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $77, 16.883, 120.516$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 17.610, 302.714$, and $49, 17.391, 302.220$ is the 20% darker color. If you saturate the color by 10%, you get $63, 28.862, 303.172$, and if you desaturate by 10%, it is $75, 6.350, 301.774$.

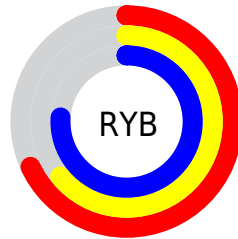
Distribution



Red (68%)

Green (64%)

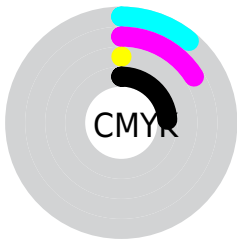
Blue (76%)



Red (68%)

Yellow (64%)

Blue (76%)

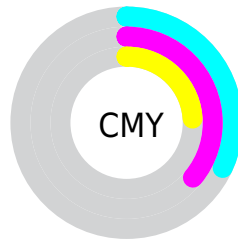


Cyan (11%)

Magenta (16%)

Yellow (0%)

Black (24%)



Cyan (32%)

Magenta (36%)

Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 17.411, 302.433 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, 17.411, 302.433 by changing the saturation by 10% instead.

 69, 17.411,
302.433


 69, 17.411,
302.433


 100, 17.411,
302.433


 59, 17.411,
302.433


 89, 17.411,
302.433

 49, 17.411,
302.433

 99, 17.411,
302.433

 39, 17.411,
302.433

 29, 17.411,
302.433

 19, 17.411,
302.433

 9, 17.411, 302.433

 0, 17.411, 302.433

69, 17.411,
302.433

69, 17.411,
302.433

63, 28.862,
303.172

75, 6.350, 301.774

57, 40.688,
304.001

81, 4.319, 121.221

51, 52.820,
304.905

87, 14.614,
120.719

45, 65.090,
305.855

93, 24.553,
120.291

39, 77.157,
306.790

98, 30.693,
116.963

34, 88.387,
307.601

99, 30.257,
107.877

30, 97.786,
308.124

27, 104.207,

308.184

■ 26, 106.315,
308.169

Harmonies

Complementary

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



69, 17.411, 302.433



77, 16.883, 120.516

Rectangle

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



69, 17.411, 302.433



69, 17.411, 352.433



69, 17.411, 122.433



69, 17.411, 172.433

Sweetspot

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



69, 17.409, 302.431



95, 6.631, 301.723



74, 9.047, 230.719



51, 4.566, 301.768



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, 17.409, 302.431



85, 25.817, 302.673



70, 19.201, 318.993



38, 6.108, 301.993



21, 91.957, 308.297



2, 19.724, 298.926

Inverse Universe

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



71, 16.690, 334.964



87, 24.643, 335.213



76, 19.039, 137.570



38, 5.897, 334.492



36, 65.883, 343.953



4, 18.415, 339.653

Previews

White Background



This preview shows how the CIELCh color 69, 17.411, 302.433 looks on a white background.

Color Contrast Check

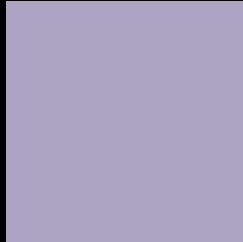
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 69, 17.411, 302.433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

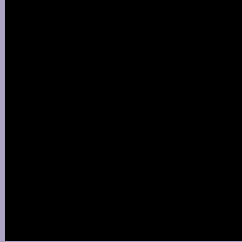
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 17.411, 302.433

Background



This preview shows how black text looks on a background with the CIELCh color 69, 17.411, 302.433.



This preview shows how white text looks on a background with the CIELCh color 69, 17.411, 302.433.

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, 17.411, 302.433

Protanopia

69, 16.514, 286.991

Deuteranopia

69, 17.348, 301.274



Tritanopia
69, 7.249, 299.645

Trichromacy



Original Color
69, 17.411, 302.433

Protanomaly
69, 16.507, 293.044

Deuteranomaly
69, 17.348, 301.274

Tritanomaly
69, 10.635, 301.056

Monochromacy



Original Color
69, 17.411, 302.433

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 6.159, 301.137

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 17.411, 302.433 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(173, 164, 195)` looks like.

```
.text, #text, p{  
    color:rgb(173, 164, 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(173, 164, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 164, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 17.411, 302.433 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(173, 164, 195) }
```

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

```
.border{ border-color:rgb(173, 164, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 164, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 164, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 164, 195);  
box-shadow:4px 4px 4px 4px rgb(173, 164,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 17.411, 302.433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 164, 195) }
```

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

```
.background{ background-color: rgb(173,  
164, 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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