

Converting Colors

CIELCh(72, 16.774, 295.367)

Have a look what the booklet for
CIELCh(72, 16.774, 295.367)
contains.

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Color

CIELCh(72, 16.966, 295.355)

Conversions

Conversions Part 1

Format	Color
Hex	B0ADCC
RGB	176, 173, 204
RGB Percent	69%, 68%, 80%
CMY	0.3085, 0.3203, 0.1987
CMYK	0.14, 0.15, 0.00, 0.20
HSL	246°, 23%, 74%
HSV	246°, 15%, 80%
XYZ	43.9270, 43.6590, 63.4534
YIQ	177.4310, -8.1630, 10.2770

Conversions

Conversions Part 2

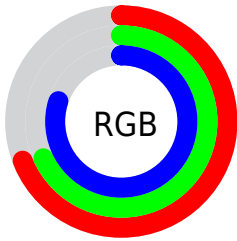
Format	Color
RYB	176, 173, 204
Decimal	11578828
CIELab	72.00, 7.27, -15.33
CIELCh	72, 16.966, 295.355
Yxy	43.6590, 0.2908, 0.2891
Android (android.graphics.Color)	4289768908 (0xFFB0ADCC)
YUV	177.4310, 13.0985, -1.2550
Hunter-Lab	66.0750, 3.0366, -10.6852

Details

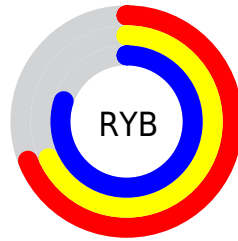
The CIELCh color $72, 16.966, 295.355$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $81, 16.395, 112.745$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 14.089, 296.835$, and $52, 16.907, 294.745$ is the 20% darker color. If you saturate the color by 10%, you get $65, 28.718, 296.447$, and if you desaturate by 10%, it is $79, 5.677, 294.417$.

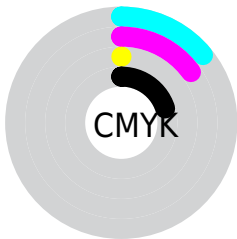
Distribution



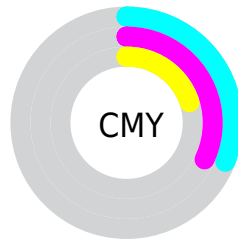
- Red (69%)
- Green (68%)
- Blue (80%)



- Red (69%)
- Yellow (68%)
- Blue (80%)



- Cyan (14%)
- Magenta (15%)
- Yellow (0%)
- Black (20%)



- Cyan (31%)
- Magenta (32%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 16.966, 295.355 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 72, 16.966, 295.355 by changing the saturation by 10% instead.

■ 72, 16.966,
295.355

■ 72, 16.966,
295.355

■ 100, 16.966,
295.355

■ 62, 16.966,
295.355

■ 92, 16.966,
295.355

■ 52, 16.966,
295.355

■ 42, 16.966,
295.355

■ 32, 16.966,
295.355

■ 22, 16.966,
295.355

■ 12, 16.966,
295.355

■ 2, 16.966, 295.355

0, 16.966, 295.355

72, 16.966,
295.355

72, 16.966,
295.355

65, 28.718,
296.447

79, 5.677, 294.417

85, 5.173, 113.604

59, 40.956,
297.716

92, 15.616,
112.922

52, 53.665,
299.166

99, 25.644,
112.284

45, 66.749,
300.778

99, 25.564,
108.238

39, 79.913,
302.487

34, 92.479,
304.146

■ 29, 103.174,
305.514

■ 26, 110.316,
306.308

■ 25, 112.716,
306.576

Harmonies

Complementary

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



72, 16.966, 295.355



81, 16.395, 112.745

Rectangle

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



72, 16.966, 295.355



72, 16.966, 345.355



72, 16.966, 115.355



72, 16.966, 165.355

Sweetspot

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



72, 16.964, 295.353



96, 6.564, 294.408



79, 10.016, 206.675



51, 4.484, 294.469



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72, 16.964, 295.353



86, 24.233, 295.670



73, 18.129, 312.568



39, 6.262, 294.793



19, 96.385, 306.635



1, 23.601, 294.945

Inverse Universe

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



74, 18.954, 328.034



89, 26.938, 328.215



80, 17.826, 131.277



40, 7.055, 327.689



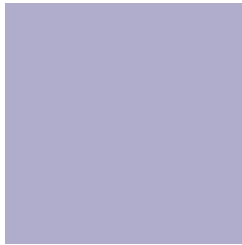
38, 77.639, 332.465



5, 26.855, 330.892

Previews

White Background



This preview shows how the CIELCh color 72, 16.966, 295.355 looks on a white background.

Color Contrast Check

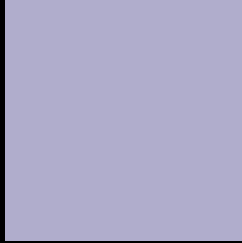
Large Text (above 18pt) WCAG AA × Fail

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 72, 16.966, 295.355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

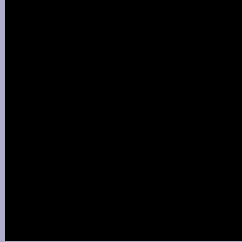
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 16.966, 295.355

Background



This preview shows how black text looks on a background with the CIELCh color 72, 16.966, 295.355.



This preview shows how white text looks on a background with the CIELCh color 72, 16.966, 295.355.

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


72, 16.966, 295.355

Protanopia

72, 16.374, 286.907

Deuteranopia

72, 18.273, 300.729



Tritanopia
72, 7.648, 285.510

Trichromacy



Original Color
72, 16.966, 295.355

Protanomaly
72, 16.899, 290.636

Deuteranomaly
72, 18.220, 299.635

Tritanomaly
72, 10.900, 291.240

Monochromacy



Original Color
72, 16.966, 295.355

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 6.552, 294.006

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 16.966, 295.355 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(176, 173, 204)` looks like.

```
.text, #text, p{  
    color:rgb(176, 173, 204)  
}
```

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(176, 173, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 173, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 16.966, 295.355 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(176, 173, 204) }
```

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

```
.border{ border-color:rgb(176, 173, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 173, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 173, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 173, 204);  
box-shadow:4px 4px 4px 4px rgb(176, 173,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 16.966, 295.355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 173, 204) }
```

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

```
.background{ background-color: rgb(176,  
173, 204) }
```

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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