

Converting Colors

CIELCh(72, 9.811, 293.221)

Have a look what the booklet for
CIELCh(72, 9.811, 293.221) contains.

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Color

CIELCh(72, 9.823, 293.231)

Conversions

Conversions Part 1

Format	Color
Hex	B0AFC1
RGB	176, 175, 193
RGB Percent	69%, 69%, 76%
CMY	0.3104, 0.3143, 0.2437
CMYK	0.09, 0.09, 0.00, 0.24
HSL	243°, 13%, 72%
HSV	243°, 9%, 76%
XYZ	42.7813, 43.6590, 56.5365
YIQ	177.3510, -5.1820, 5.8100

Conversions

Conversions Part 2

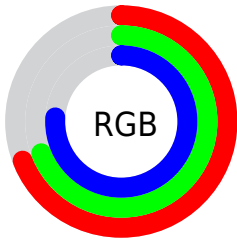
Format	Color
RYB	176, 175, 193
Decimal	11579329
CIELab	72.00, 3.87, -9.03
CIELCh	72, 9.823, 293.231
Yxy	43.6590, 0.2992, 0.3054
Android (android.graphics.Color)	4289769409 (0xFFB0AFC1)
YUV	177.3510, 7.7150, -1.1848
Hunter-Lab	66.0750, -0.0586, -4.4785

Details

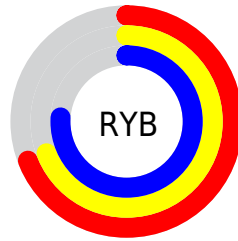
The CIELCh color $72, 9.823, 293.231$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $77, 9.611, 111.545$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 9.877, 294.962$, and $52, 9.298, 291.347$ is the 20% darker color. If you saturate the color by 10%, you get $66, 20.754, 294.303$, and if you desaturate by 10%, it is $78, 0.681, 112.240$.

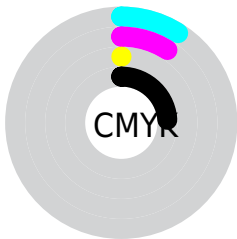
Distribution



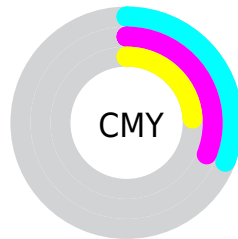
- Red (69%)
- Green (69%)
- Blue (76%)



- Red (69%)
- Yellow (69%)
- Blue (76%)



- Cyan (9%)
- Magenta (9%)
- Yellow (0%)
- Black (24%)



- Cyan (31%)
- Magenta (31%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 9.823, 293.231 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, 9.823, 293.231 by changing the saturation by 10% instead.

■ 72, 9.823, 293.231

■ 72, 9.823, 293.231

■ 100, 9.823,
293.231

■ 62, 9.823, 293.231

■ 92, 9.823, 293.231

■ 52, 9.823, 293.231

■ 42, 9.823, 293.231

■ 32, 9.823, 293.231

■ 22, 9.823, 293.231

■ 12, 9.823, 293.231

■ 2, 9.823, 293.231

■ 0, 9.823, 293.231

■ 72, 9.823, 293.231

■ 72, 9.823, 293.231

66, 20.754,
294.303

78, 0.681, 112.240

59, 32.148,
295.565

85, 10.782,
111.513

53, 44.017,
297.029

91, 20.513,
110.844

46, 56.337,
298.698

97, 29.899,
110.271

40, 68.971,
300.538

99, 31.295,
107.797

34, 81.523,
302.450

29, 93.115,
304.233

26, 102.253,
305.593

24, 107.845,

Harmonies

Complementary

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



72, 9.823, 293.231



77, 9.611, 111.545

Rectangle

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



72, 9.823, 293.231



72, 9.823, 343.231



72, 9.823, 113.231



72, 9.823, 163.231

Sweetspot

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



72, 9.821, 293.226



96, 3.857, 292.640



76, 6.160, 203.531



51, 2.926, 292.710



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 9.821, 293.226



89, 14.341, 293.411



73, 10.480, 311.181



37, 5.991, 293.230



18, 94.424, 306.481



1, 19.498, 292.634

Inverse Universe

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



73, 11.407, 326.459



91, 16.614, 326.566



77, 10.354, 130.412



38, 6.958, 326.462



37, 78.363, 330.540



4, 23.005, 328.247

Previews

White Background



This preview shows how the CIELCh color 72, 9.823, 293.231 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 72, 9.823, 293.231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

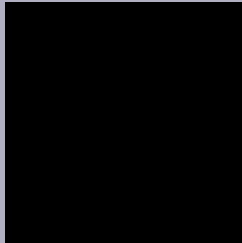
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

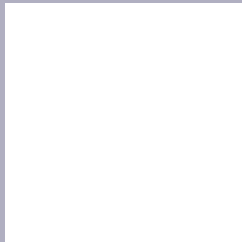
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 9.823, 293.231

Background



This preview shows how black text looks on a background with the CIELCh color 72, 9.823, 293.231.



This preview shows how white text looks on a background with the CIELCh color 72, 9.823, 293.231.

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, 9.823, 293.231

Protanopia

72, 9.811, 291.136

Deuteranopia

72, 13.086, 314.143



Tritanopia
72, 7.633, 290.929

Trichromacy



Original Color
72, 9.823, 293.231

Protanomaly
72, 9.811, 291.136

Deuteranomaly
72, 11.951, 307.054

Tritanomaly
72, 8.178, 290.981

Monochromacy



Original Color
72, 9.823, 293.231

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 3.840, 296.070

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 9.823, 293.231 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, 175, 193)` looks like.

```
.text, #text, p{  
    color:rgb(176, 175, 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(176, 175, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 175, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 9.823, 293.231 is called "border". The border property can be set on classes, ids or directly on the HTML element.

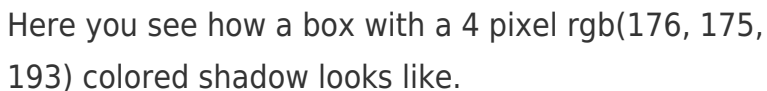
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 175, 193) }
```

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

```
.border{ border-color:rgb(176, 175, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 175, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 175, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 175, 193); box-shadow:4px 4px 4px 4px rgb(176, 175, 193) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 9.823, 293.231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 175, 193) }
```

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

```
.background{ background-color: rgb(176,  
175, 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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