

Converting Colors

CIELCh(72, 9.107, 312.029)

Have a look what the booklet for
CIELCh(72, 9.107, 312.029) contains.

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Color

CIELCh(72, 9.369, 311.564)

Conversions

Conversions Part 1

Format	Color
Hex	B6ADB8
RGB	182, 173, 189
RGB Percent	71%, 68%, 74%
CMY	0.2852, 0.3205, 0.2577
CMYK	0.04, 0.08, 0.00, 0.26
HSL	274°, 11%, 71%
HSV	274°, 8%, 74%
XYZ	43.5703, 43.6590, 54.4354
YIQ	177.5150, 0.2280, 6.8840

Conversions

Conversions Part 2

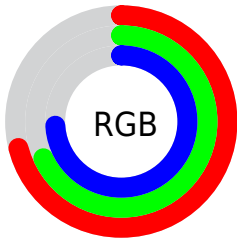
Format	Color
RYB	182, 173, 189
Decimal	11972029
CIELab	72.00, 6.22, -7.01
CIELCh	72, 9.369, 311.564
Yxy	43.6590, 0.3076, 0.3082
Android (android.graphics.Color)	4290162109 (0xFFB6ADB0)
YUV	177.5150, 5.6621, 3.9333
Hunter-Lab	66.0750, 2.0729, -2.5932

Details

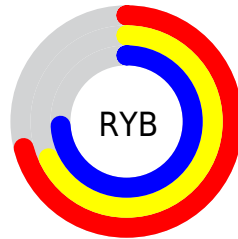
The CIELCh color $72, 9.369, 311.564$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $76, 9.265, 130.878$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 9.520, 312.364$, and $52, 9.299, 310.680$ is the 20% darker color. If you saturate the color by 10%, you get $66, 20.706, 312.020$, and if you desaturate by 10%, it is $78, 1.678, 131.238$.

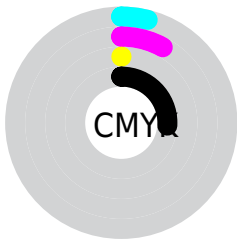
Distribution



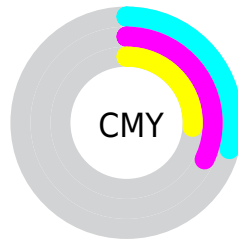
- Red (71%)
- Green (68%)
- Blue (74%)



- Red (71%)
- Yellow (68%)
- Blue (74%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (26%)



- Cyan (29%)
- Magenta (32%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 9.369, 311.564 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, 9.369, 311.564 by changing the saturation by 10% instead.

■ 72, 9.369, 311.564

■ 72, 9.369, 311.564

■ 100, 9.369,
311.564

■ 62, 9.369, 311.564

■ 92, 9.369, 311.564

■ 52, 9.369, 311.564

■ 42, 9.369, 311.564

■ 32, 9.369, 311.564

■ 22, 9.369, 311.564

■ 12, 9.369, 311.564

■ 2, 9.369, 311.564

■ 0, 9.369, 311.564

■ 72, 9.369, 311.564

■ 72, 9.369, 311.564

66, 20.706,
312.020

78, 1.678, 131.238

61, 32.284,
312.497

83, 12.406,
130.789

56, 43.996,
312.983

89, 22.811,
130.442

50, 55.660,
313.450

94, 32.899,
130.136

45, 66.972,
313.859

96, 35.251,
127.019

41, 77.470,
314.148

97, 34.292,
122.280

37, 86.520,
314.235

98, 33.589,
117.219

34, 93.401,
314.025

98, 33.174,
111.911

32, 97.799,

99, 33.065,
107.661

313.477

Harmonies

Complementary

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



72, 9.369, 311.564



76, 9.265, 130.878

Rectangle

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



72, 9.369, 311.564



72, 9.369, 1.564



72, 9.369, 131.564



72, 9.369, 181.564

Sweetspot

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



72, 9.367, 311.562



94, 4.072, 311.306



73, 5.396, 261.799



50, 3.088, 311.348



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



72, 9.367, 311.562



90, 13.684, 311.639



73, 10.212, 326.252



37, 6.271, 311.602



26, 86.039, 313.544



2, 18.284, 307.202

Inverse Universe

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



72, 7.142, 347.839



90, 10.435, 348.005



75, 10.193, 145.336



37, 4.782, 347.926



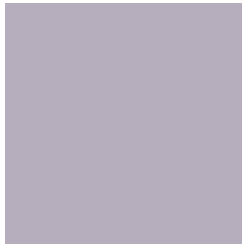
33, 59.067, 7.376



3, 13.511, 355.228

Previews

White Background



This preview shows how the CIELCh color 72, 9.369, 311.564 looks on a white background.

Color Contrast Check

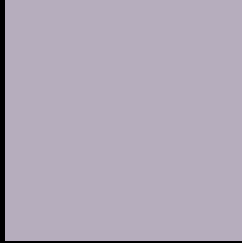
Large Text (above 18pt) WCAG AA × Fail

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, 9.369, 311.564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

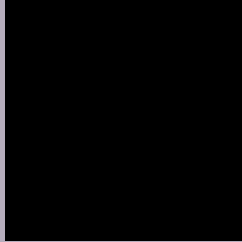
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

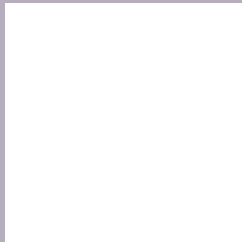
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 9.369, 311.564

Background



This preview shows how black text looks on a background with the CIELCh color 72, 9.369, 311.564.

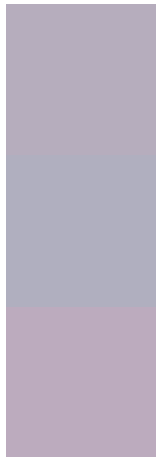


This preview shows how white text looks on a background with the CIELCh color 72, 9.369, 311.564.

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, 9.369, 311.564

Protanopia

72, 8.735, 293.400

Deuteranopia

72, 12.151, 322.026



Tritanopia
72, 7.707, 313.260

Trichromacy



Original Color
72, 9.369, 311.564

Protanomaly
72, 8.870, 300.445

Deuteranomaly
72, 11.127, 318.533

Tritanomaly
72, 8.212, 311.818

Monochromacy



Original Color
72, 9.369, 311.564

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 3.609, 314.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 9.369, 311.564 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(182, 173, 189)` looks like.

```
.text, #text, p{  
    color:rgb(182, 173, 189)  
}
```

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(182, 173, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 173, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 9.369, 311.564 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(182, 173, 189) }
```

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

```
.border{ border-color:rgb(182, 173, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 173, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 173, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 173, 189);  
box-shadow:4px 4px 4px 4px rgb(182, 173,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 9.369, 311.564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 173, 189) }
```

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

```
.background{ background-color: rgb(182,  
173, 189) }
```

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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