

Converting Colors

CIELCh(72, 3.149, 308.704)

Have a look what the booklet for
CIELCh(72, 3.149, 308.704) contains.

CIELCh(72, 3.473, 309.179)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 3.473, 309.179)

Conversions

Conversions Part 1

Format	Color
Hex	B2AFB5
RGB	178, 175, 181
RGB Percent	70%, 69%, 71%
CMY	0.3005, 0.3123, 0.2888
CMYK	0.02, 0.03, 0.00, 0.29
HSL	270°, 4%, 70%
HSV	270°, 3%, 71%
XYZ	42.2209, 43.6590, 50.1129
YIQ	176.5810, -0.1380, 2.5020

Conversions

Conversions Part 2

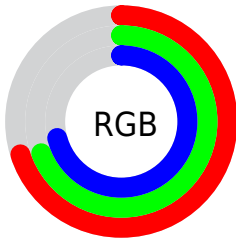
Format	Color
RYB	178, 175, 181
Decimal	11710389
CIELab	72.00, 2.19, -2.69
CIELCh	72, 3.473, 309.179
Yxy	43.6590, 0.3105, 0.3210
Android (android.graphics.Color)	4289900469 (0xFFB2AFB5)
YUV	176.5810, 2.1786, 1.2445
Hunter-Lab	66.0750, -1.5726, 1.2855

Details

The CIELCh color **72, 3.473, 309.179** is a light color, and the websafe version is hex **999999**. A complement of this color would be **73, 3.440, 128.950**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 3.914, 311.606**, and **52, 3.025, 305.665** is the 20% darker color. If you saturate the color by 10%, you get **67, 14.145, 309.651**, and if you desaturate by 10%, it is **77, 6.889, 128.804**.

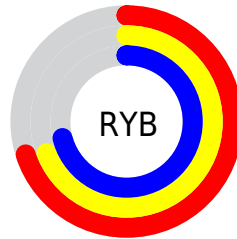
Distribution



Red (70%)

Green (69%)

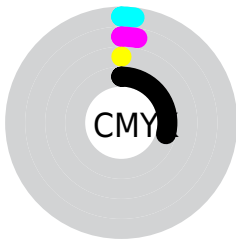
Blue (71%)



Red (70%)

Yellow (69%)

Blue (71%)

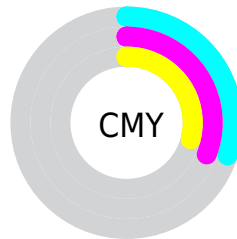


Cyan (2%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (30%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 3.473, 309.179 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, 3.473, 309.179 by changing the saturation by 10% instead.

■ 72, 3.473, 309.179

■ 72, 3.473, 309.179

100, 3.473,
309.179

■ 62, 3.473, 309.179

■ 92, 3.473, 309.179

■ 52, 3.473, 309.179

■ 42, 3.473, 309.179

■ 32, 3.473, 309.179

■ 22, 3.473, 309.179

■ 12, 3.473, 309.179

■ 2, 3.473, 309.179

■ 0, 3.473, 309.179

■ 72, 3.473, 309.179

■ 72, 3.473, 309.179

67, 14.145,
309.651

77, 6.889, 128.804

61, 25.109,
310.152

83, 16.930,
128.425

56, 36.307,
310.680

88, 26.658,
128.096

50, 47.628,
311.220

94, 36.084,
127.807

45, 58.871,
311.740

96, 38.980,
124.958

41, 69.699,
312.189

97, 38.022,
120.168

36, 79.594,
312.492

98, 37.357,
115.080

33, 87.852,
312.547

98, 37.016,
109.774

30, 93.727,

98, 36.975,
107.359

Harmonies

Complementary

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



72, 3.473, 309.179



73, 3.440, 128.950

Rectangle

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



72, 3.473, 309.179



72, 3.473, 359.179



72, 3.473, 129.179



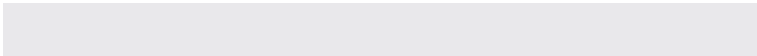
72, 3.473, 179.179

Sweetspot

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



72, 3.471, 309.170



92, 1.296, 309.001



73, 1.937, 254.170



49, 0.737, 308.993



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



72, 3.471, 309.170



90, 5.177, 309.209



72, 3.961, 324.115



37, 3.006, 309.239



24, 86.144, 312.041



2, 15.953, 304.896

Inverse Universe

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



72, 2.796, 343.769



90, 4.171, 343.856



73, 3.944, 143.880



38, 2.421, 343.920



33, 58.652, 1.356



3, 12.210, 350.775

Previews

White Background



This preview shows how the CIELCh color 72, 3.473, 309.179 looks on a white background.

Color Contrast Check

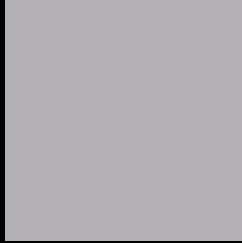
Large Text (above 18pt) WCAG AA × Fail

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, 3.473, 309.179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

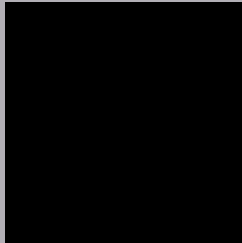
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

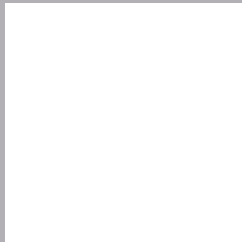
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 3.473, 309.179

Background



This preview shows how black text looks on a background with the CIELCh color 72, 3.473, 309.179.



This preview shows how white text looks on a background with the CIELCh color 72, 3.473, 309.179.

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, 3.473, 309.179

Protanopia

72, 3.473, 309.179

Deuteranopia

72, 9.626, 341.844



Tritanopia
72, 7.878, 304.316

Trichromacy



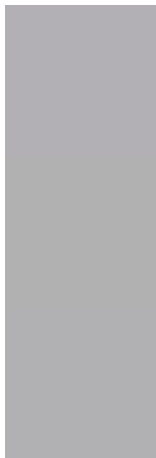
Original Color
72, 3.473, 309.179

Protanomaly
72, 3.473, 309.179

Deuteranomaly
72, 6.931, 335.025

Tritanomaly
72, 6.824, 306.403

Monochromacy



Original Color
72, 3.473, 309.179

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.687, 303.104

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 3.473, 309.179 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(178, 175, 181)` looks like.

```
.text, #text, p{  
    color:rgb(178, 175, 181)  
}
```

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(178, 175, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 175, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 3.473, 309.179 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(178, 175, 181) }
```

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

```
.border{ border-color:rgb(178, 175, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 175, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 175, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 175, 181);  
box-shadow:4px 4px 4px 4px rgb(178, 175,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 3.473, 309.179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 175, 181) }
```

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

```
.background{ background-color: rgb(178,  
175, 181) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor