

Converting Colors

CIELCh(72, 9.565, 301.320)

Have a look what the booklet for
CIELCh(72, 9.565, 301.320) contains.

CIELCh(72, 9.474, 302.104)	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, 9.474, 302.104)

Conversions

Conversions Part 1

Format	Color
Hex	B3AEBF
RGB	179, 174, 191
RGB Percent	70%, 68%, 75%
CMY	0.2977, 0.3173, 0.2507
CMYK	0.06, 0.09, 0.00, 0.25
HSL	258°, 12%, 72%
HSV	258°, 9%, 75%
XYZ	43.1711, 43.6590, 55.4866
YIQ	177.4330, -2.4770, 6.3470

Conversions

Conversions Part 2

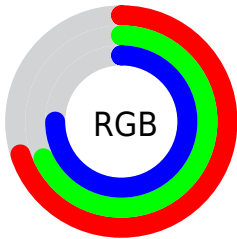
Format	Color
RYB	179, 174, 191
Decimal	11775679
CIELab	72.00, 5.04, -8.03
CIELCh	72, 9.474, 302.104
Yxy	43.6590, 0.3033, 0.3068
Android (android.graphics.Color)	4289965759 (0xFFB3AEBF)
YUV	177.4330, 6.6885, 1.3743
Hunter-Lab	66.0750, 0.9946, -3.5364

Details

The CIELCh color **72, 9.474, 302.104** is a light color, and the websafe version is hex **999999**. A complement of this color would be **77, 9.304, 121.075**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 9.587, 303.448**, and **52, 9.455, 300.645** is the 20% darker color. If you saturate the color by 10%, you get **66, 20.473, 302.775**, and if you desaturate by 10%, it is **78, 1.144, 121.554**.

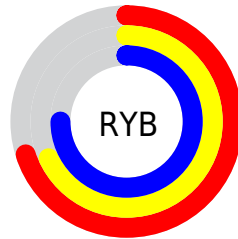
Distribution



Red (70%)

Green (68%)

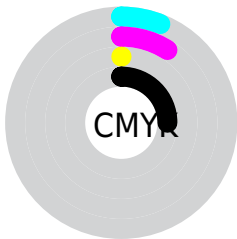
Blue (75%)



Red (70%)

Yellow (68%)

Blue (75%)

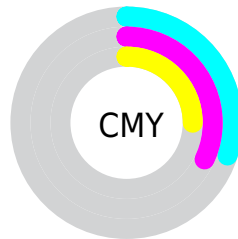


Cyan (6%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (30%)

Magenta (32%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 9.474, 302.104 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, 9.474, 302.104 by changing the saturation by 10% instead.

■ 72, 9.474, 302.104

■ 72, 9.474, 302.104

■ 100, 9.474,
302.104

■ 62, 9.474, 302.104

■ 92, 9.474, 302.104

■ 52, 9.474, 302.104

■ 42, 9.474, 302.104

■ 32, 9.474, 302.104

■ 22, 9.474, 302.104

■ 12, 9.474, 302.104

■ 2, 9.474, 302.104

■ 0, 9.474, 302.104

■ 72, 9.474, 302.104

■ 72, 9.474, 302.104

66, 20.473,
302.775

78, 1.144, 121.554

60, 31.856,
303.535

84, 11.387,
121.007

54, 43.590,
304.379

90, 21.275,
120.561

48, 55.585,
305.291

96, 30.829,
120.177

42, 67.635,
306.233

98, 32.361,
113.428

37, 79.332,
307.131

99, 32.175,
107.729

32, 89.956,
307.863

29, 98.446,
308.255

26, 104.081,

308.225

Harmonies

Complementary

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



72, 9.474, 302.104



77, 9.304, 121.075

Rectangle

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



72, 9.474, 302.104



72, 9.474, 352.104



72, 9.474, 122.104



72, 9.474, 172.104

Sweetspot

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



72, 9.472, 302.100



95, 3.905, 301.736



75, 5.061, 230.187



51, 2.987, 301.787



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, 9.472, 302.100



89, 14.500, 302.247



73, 10.508, 318.676



37, 5.977, 302.129



20, 90.810, 308.356



1, 17.658, 298.772

Inverse Universe

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



73, 9.120, 334.608



90, 13.930, 334.773



76, 10.447, 137.929



37, 5.753, 334.641



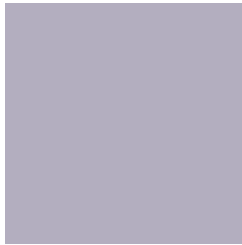
35, 64.972, 344.194



3, 16.164, 339.455

Previews

White Background



This preview shows how the CIELCh color 72, 9.474, 302.104 looks on a white background.

Color Contrast Check

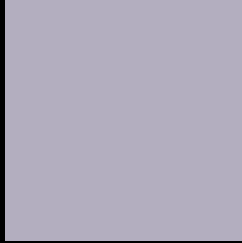
Large Text (above 18pt) WCAG AA × Fail

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, 9.474, 302.104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

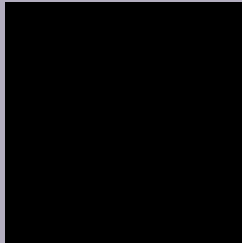
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

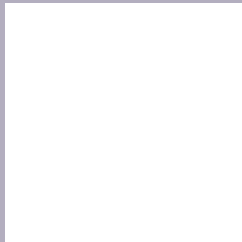
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 9.474, 302.104

Background



This preview shows how black text looks on a background with the CIELCh color 72, 9.474, 302.104.



This preview shows how white text looks on a background with the CIELCh color 72, 9.474, 302.104.

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, 9.474, 302.104

Protanopia

72, 9.267, 291.085

Deuteranopia

72, 12.917, 318.112



Tritanopia
72, 7.255, 302.479

Trichromacy



Original Color
72, 9.474, 302.104

Protanomaly
72, 9.279, 293.308

Deuteranomaly
72, 11.805, 312.906

Tritanomaly
72, 7.789, 301.700

Monochromacy



Original Color
72, 9.474, 302.104

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 3.295, 296.940

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 9.474, 302.104 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(179, 174, 191)` looks like.

```
.text, #text, p{  
    color:rgb(179, 174, 191)  
}
```

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(179, 174, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 174, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 9.474, 302.104 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(179, 174, 191) }
```

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

```
.border{ border-color:rgb(179, 174, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 174, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 174, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 174, 191);  
box-shadow:4px 4px 4px 4px rgb(179, 174,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 9.474, 302.104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 174, 191) }
```

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

```
.background{ background-color: rgb(179,  
174, 191) }
```

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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