

Converting Colors

CIELCh(71, 3.894, 300.715)

Have a look what the booklet for
CIELCh(71, 3.894, 300.715) contains.

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Color

CIELCh(71, 3.909, 301.479)

Conversions

Conversions Part 1

Format	Color
Hex	AFADB4
RGB	175, 173, 180
RGB Percent	69%, 68%, 71%
CMY	0.3145, 0.3223, 0.2949
CMYK	0.03, 0.04, 0.00, 0.29
HSL	257°, 4%, 69%
HSV	257°, 4%, 71%
XYZ	40.7563, 42.1875, 49.0663
YIQ	174.3960, -1.0550, 2.6010

Conversions

Conversions Part 2

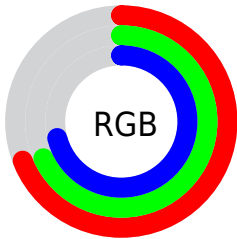
Format	Color
RYB	175, 173, 180
Decimal	11513268
CIELab	71.00, 2.04, -3.33
CIELCh	71, 3.909, 301.479
Yxy	42.1875, 0.3087, 0.3196
Android (android.graphics.Color)	4289703348 (0xFFAFADB4)
YUV	174.3960, 2.7628, 0.5297
Hunter-Lab	64.9519, -1.6598, 0.6772

Details

The CIELCh color $71, 3.909, 301.479$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 3.863, 121.041$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 4.303, 304.741$, and $51, 3.599, 303.283$ is the 20% darker color. If you saturate the color by 10%, you get $65, 14.180, 302.112$, and if you desaturate by 10%, it is $77, 6.004, 120.929$.

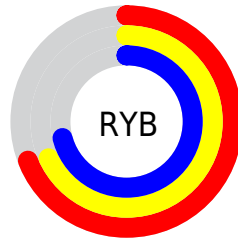
Distribution



Red (69%)

Green (68%)

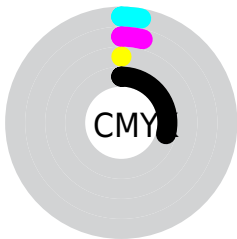
Blue (71%)



Red (69%)

Yellow (68%)

Blue (71%)

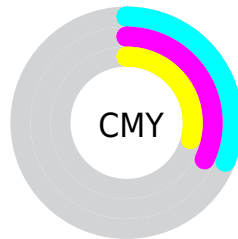


Cyan (3%)

Magenta (4%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (32%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 3.909, 301.479 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 71, 3.909, 301.479 by changing the saturation by 10% instead.

■ 71, 3.909, 301.479

■ 71, 3.909, 301.479

100, 3.909,
301.479

■ 61, 3.909, 301.479

■ 91, 3.909, 301.479

■ 51, 3.909, 301.479

■ 41, 3.909, 301.479

■ 31, 3.909, 301.479

■ 21, 3.909, 301.479

■ 11, 3.909, 301.479

■ 1, 3.909, 301.479

■ 0, 3.909, 301.479

■ 71, 3.909, 301.479

■ 71, 3.909, 301.479

65, 14.180,
302.112

77, 6.004, 120.929

59, 24.822,
302.838

82, 15.570,
120.443

54, 35.820,
303.652

88, 24.807,
120.025

48, 47.127,
304.546

94, 33.737,
119.666

42, 58.614,
305.498

97, 38.292,
116.466

37, 70.012,
306.454

98, 37.770,
109.121

32, 80.809,
307.320

98, 37.745,
107.299

28, 90.157,
307.945

25, 96.964,

Harmonies

Complementary

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



71, 3.909, 301.479



73, 3.863, 121.041

Rectangle

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



71, 3.909, 301.479



71, 3.909, 351.479



71, 3.909, 121.479



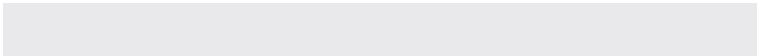
71, 3.909, 171.479

Sweetspot

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



71, 3.907, 301.468



92, 1.248, 301.272



72, 2.130, 229.958



49, 0.709, 301.266



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 3.907, 301.468



89, 6.244, 301.542



71, 4.355, 318.434



36, 3.400, 301.573



19, 88.751, 308.271



1, 13.496, 298.777

Inverse Universe

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



71, 3.805, 333.879



90, 6.076, 333.977



73, 4.331, 138.186



36, 3.308, 334.016



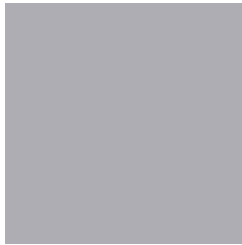
34, 63.813, 343.528



2, 12.353, 338.001

Previews

White Background



This preview shows how the CIELCh color 71, 3.909, 301.479 looks on a white background.

Color Contrast Check

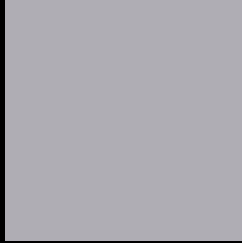
Large Text (above 18pt) WCAG AA × Fail

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 71, 3.909, 301.479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

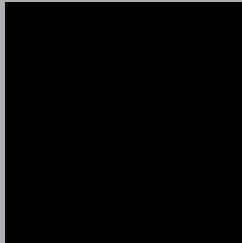
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

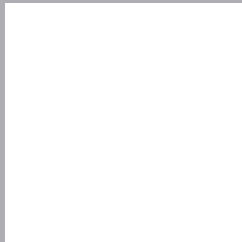
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 3.909, 301.479

Background



This preview shows how black text looks on a background with the CIELCh color 71, 3.909, 301.479.



This preview shows how white text looks on a background with the CIELCh color 71, 3.909, 301.479.

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


71, 3.909, 301.479

Protanopia

71, 3.909, 301.479

Deuteranopia

71, 10.086, 335.598



Tritanopia
71, 7.278, 302.485

Trichromacy



Original Color
71, 3.909, 301.479

Protanomaly
71, 3.909, 301.479

Deuteranomaly
71, 7.759, 329.352

Tritanomaly
71, 6.213, 304.470

Monochromacy



Original Color
71, 3.909, 301.479

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.099, 290.339

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 3.909, 301.479 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(175, 173, 180)` looks like.

```
.text, #text, p{  
    color:rgb(175, 173, 180)  
}
```

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(175, 173, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 173, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 3.909, 301.479 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(175, 173, 180) }
```

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

```
.border{ border-color:rgb(175, 173, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 173, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 173, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 173, 180);  
box-shadow:4px 4px 4px 4px rgb(175, 173,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 3.909, 301.479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 173, 180) }
```

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

```
.background{ background-color: rgb(175,  
173, 180) }
```

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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