

Converting Colors

CIELCh(71, 4.427, 302.041)

Have a look what the booklet for
CIELCh(71, 4.427, 302.041) contains.

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Color

CIELCh(71, 4.446, 300.177)

Conversions

Conversions Part 1

Format	Color
Hex	AFADB5
RGB	175, 173, 181
RGB Percent	69%, 68%, 71%
CMY	0.3148, 0.3226, 0.2913
CMYK	0.03, 0.04, 0.00, 0.29
HSL	255°, 5%, 69%
HSV	255°, 4%, 71%
XYZ	40.8191, 42.1875, 49.5573
YIQ	174.5100, -1.3760, 2.9120

Conversions

Conversions Part 2

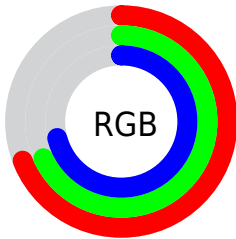
Format	Color
RYB	175, 173, 181
Decimal	11513269
CIELab	71.00, 2.23, -3.84
CIELCh	71, 4.446, 300.177
Yxy	42.1875, 0.3079, 0.3182
Android (android.graphics.Color)	4289703349 (0xFFAFADB5)
YUV	174.5100, 3.1996, 0.4297
Hunter-Lab	64.9519, -1.4872, 0.2290

Details

The CIELCh color $71, 4.446, 300.177$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 4.391, 119.637$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 4.806, 303.241$, and $51, 4.169, 301.567$ is the 20% darker color. If you saturate the color by 10%, you get $65, 14.740, 300.857$, and if you desaturate by 10%, it is $77, 5.481, 119.582$.

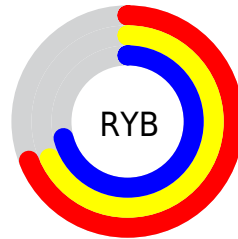
Distribution



Red (69%)

Green (68%)

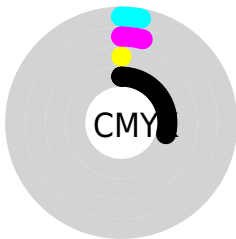
Blue (71%)



Red (69%)

Yellow (68%)

Blue (71%)

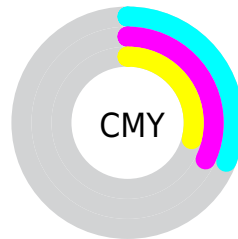


Cyan (3%)

Magenta (4%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (32%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 4.446, 300.177 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, 4.446, 300.177 by changing the saturation by 10% instead.

■ 71, 4.446, 300.177

■ 71, 4.446, 300.177

100, 4.446,
300.177

■ 61, 4.446, 300.177

■ 91, 4.446, 300.177

■ 51, 4.446, 300.177

■ 41, 4.446, 300.177

■ 31, 4.446, 300.177

■ 21, 4.446, 300.177

■ 11, 4.446, 300.177

■ 1, 4.446, 300.177

■ 0, 4.446, 300.177

■ 71, 4.446, 300.177

■ 71, 4.446, 300.177

65, 14.740,
300.857

77, 5.481, 119.582

59, 25.417,
301.642

83, 15.053,
119.063

53, 36.470,
302.529

88, 24.294,
118.618

48, 47.854,
303.511

94, 33.222,
118.235

42, 59.449,
304.566

98, 37.635,
114.627

37, 70.983,
305.639

98, 37.291,
107.334

32, 81.924,
306.628

28, 91.373,
307.371

25, 98.155,

307.667

Harmonies

Complementary

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



71, 4.446, 300.177



73, 4.391, 119.637

Rectangle

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



71, 4.446, 300.177



71, 4.446, 350.177



71, 4.446, 120.177



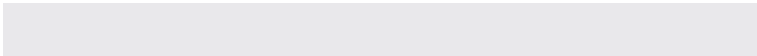
71, 4.446, 170.177

Sweetspot

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



71, 4.444, 300.167



92, 1.243, 299.933



72, 2.462, 223.785



49, 0.706, 299.928



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, 4.444, 300.167



89, 6.216, 300.210



71, 4.905, 316.927



36, 3.385, 300.243



19, 89.257, 307.851



1, 13.457, 297.716

Inverse Universe

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



71, 4.459, 332.544



90, 6.234, 332.595



73, 4.876, 136.630



36, 3.394, 332.632



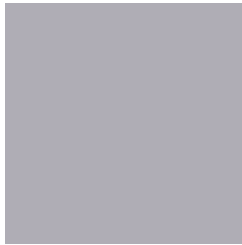
34, 65.367, 341.099



2, 12.739, 336.119

Previews

White Background



This preview shows how the CIELCh color 71, 4.446, 300.177 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, 4.446, 300.177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

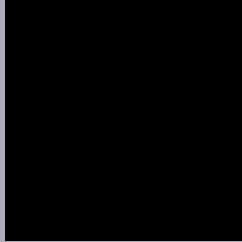
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

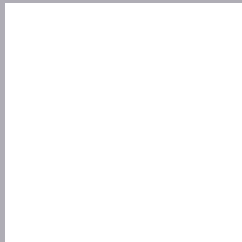
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 4.446, 300.177

Background



This preview shows how black text looks on a background with the CIELCh color 71, 4.446, 300.177.



This preview shows how white text looks on a background with the CIELCh color 71, 4.446, 300.177.

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, 4.446, 300.177

Protanopia

71, 4.446, 300.177

Deuteranopia

71, 9.814, 334.009



Tritanopia
71, 7.750, 299.051

Trichromacy



Original Color

71, 4.446, 300.177

Protanomaly

71, 4.446, 300.177

Deuteranomaly

71, 8.188, 326.951

Tritanomaly

71, 6.670, 300.316

Monochromacy



Original Color

71, 4.446, 300.177

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, 4.446, 300.177 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(175, 173, 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(175, 173, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 173, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 4.446, 300.177 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, 181) }
```

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

```
.border{ border-color:rgb(175, 173, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 173, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 173, 181);  
box-shadow:4px 4px 4px 4px rgb(175, 173,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 4.446, 300.177 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, 181) }
```

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

```
.background{ background-color: rgb(175,  
173, 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](#).

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