

Converting Colors

CIELCh(71, 5.476, 286.916)

Have a look what the booklet for
CIELCh(71, 5.476, 286.916) contains.

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Color

CIELCh(71, 5.473, 286.894)

Conversions

Conversions Part 1

Format	Color
Hex	ACADB7
RGB	172, 173, 183
RGB Percent	67%, 68%, 72%
CMY	0.3247, 0.3207, 0.2815
CMYK	0.06, 0.05, 0.00, 0.28
HSL	235°, 7%, 70%
HSV	235°, 6%, 72%
XYZ	40.6103, 42.1875, 50.9160
YIQ	173.8410, -3.8060, 2.8980

Conversions

Conversions Part 2

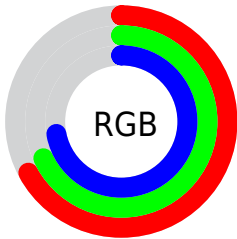
Format	Color
RYB	172, 173, 183
Decimal	11316663
CIELab	71.00, 1.59, -5.24
CIELCh	71, 5.473, 286.894
Yxy	42.1875, 0.3037, 0.3155
Android (android.graphics.Color)	4289506743 (0xFFACADB7)
YUV	173.8410, 4.5154, -1.6146
Hunter-Lab	64.9519, -2.0611, -1.0113

Details

The CIELCh color $71, 5.473, 286.894$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 5.400, 105.602$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 5.717, 287.151$, and $51, 5.257, 286.624$ is the 20% darker color. If you saturate the color by 10%, you get $65, 14.831, 288.072$, and if you desaturate by 10%, it is $77, 3.562, 105.812$.

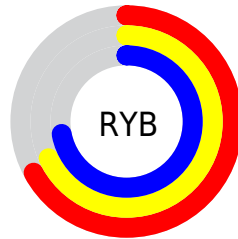
Distribution



Red (67%)

Green (68%)

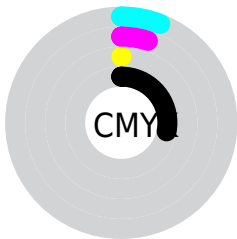
Blue (72%)



Red (67%)

Yellow (68%)

Blue (72%)

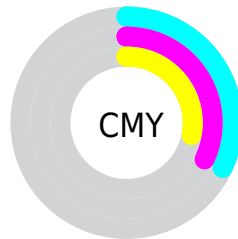


Cyan (6%)

Magenta (5%)

Yellow (0%)

Black (28%)



Cyan (32%)

Magenta (32%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 5.473, 286.894 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, 5.473, 286.894 by changing the saturation by 10% instead.

■ 71, 5.473, 286.894

■ 71, 5.473, 286.894

■ 100, 5.473,
286.894

■ 61, 5.473, 286.894

■ 91, 5.473, 286.894

■ 51, 5.473, 286.894

■ 41, 5.473, 286.894

■ 31, 5.473, 286.894

■ 21, 5.473, 286.894

■ 11, 5.473, 286.894

■ 1, 5.473, 286.894

■ 0, 5.473, 286.894

■ 71, 5.473, 286.894

■ 71, 5.473, 286.894

65, 14.831,
288.072

77, 3.562, 105.812

59, 24.545,
289.477

83, 12.293,
104.952

53, 34.641,
291.124

88, 20.741,
104.197

48, 45.145,
293.037

94, 28.925,
103.542

42, 56.051,
295.222

99, 36.066,
107.429

36, 67.263,
297.636

31, 78.467,
300.160

27, 88.935,
302.565

24, 97.434,

Harmonies

Complementary

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



71, 5.473, 286.894



74, 5.400, 105.602

Rectangle

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



71, 5.473, 286.894



71, 5.473, 336.894



71, 5.473, 106.894



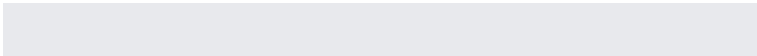
71, 5.473, 156.894

Sweetspot

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



71, 5.471, 286.882



92, 2.239, 286.490



74, 4.092, 190.814



50, 1.283, 286.482



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 5.471, 286.882



89, 7.879, 287.004



71, 6.251, 305.783



36, 4.146, 287.043



19, 88.009, 304.901



1, 14.350, 287.491

Inverse Universe

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



71, 4.213, 12.226



89, 6.079, 12.338



74, 6.178, 125.225



37, 3.201, 12.373



32, 68.428, 35.688



2, 10.702, 13.877

Previews

White Background



This preview shows how the CIELCh color 71, 5.473, 286.894 looks on a white background.

Color Contrast Check

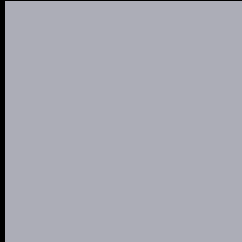
Large Text (above 18pt) WCAG AA × Fail

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, 5.473, 286.894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

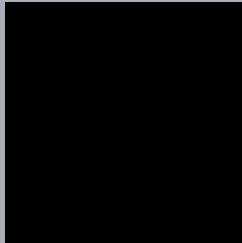
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

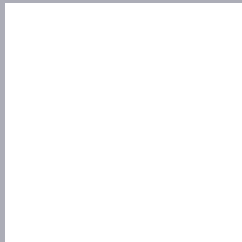
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 5.473, 286.894

Background



This preview shows how black text looks on a background with the CIELCh color 71, 5.473, 286.894.

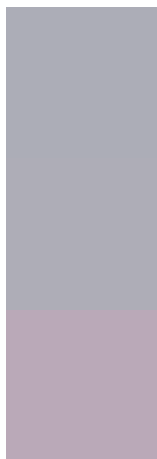


This preview shows how white text looks on a background with the CIELCh color 71, 5.473, 286.894.

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, 5.473, 286.894

Protanopia

71, 5.484, 294.562

Deuteranopia

71, 10.390, 328.316



Tritanopia
71, 7.104, 290.884

Trichromacy



Original Color
71, 5.473, 286.894

Protanomaly
71, 5.466, 290.727

Deuteranomaly
71, 8.048, 318.160

Tritanomaly
71, 6.558, 290.832

Monochromacy



Original Color
71, 5.473, 286.894

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.680, 277.594

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 5.473, 286.894 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(172, 173, 183)` looks like.

```
.text, #text, p{  
    color:rgb(172, 173, 183)  
}
```

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(172, 173, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 173, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 5.473, 286.894 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(172, 173, 183) }
```

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

```
.border{ border-color:rgb(172, 173, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 173, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 173, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 173, 183);  
box-shadow:4px 4px 4px 4px rgb(172, 173,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 5.473, 286.894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 173, 183) }
```

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

```
.background{ background-color: rgb(172,  
173, 183) }
```

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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