

Converting Colors

CIELCh(71, 7.339, 297.901)

Have a look what the booklet for
CIELCh(71, 7.339, 297.901) contains.

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Color

CIELCh(71, 7.750, 299.051)

Conversions

Conversions Part 1

Format	Color
Hex	AFACBA
RGB	175, 172, 186
RGB Percent	69%, 67%, 73%
CMY	0.3135, 0.3253, 0.2704
CMYK	0.06, 0.08, 0.00, 0.27
HSL	253°, 9%, 70%
HSV	253°, 8%, 73%
XYZ	41.3173, 42.1875, 52.4445
YIQ	174.4930, -2.7060, 4.9900

Conversions

Conversions Part 2

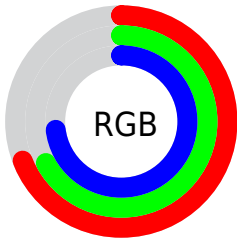
Format	Color
RYB	175, 172, 186
Decimal	11513018
CIELab	71.00, 3.76, -6.77
CIELCh	71, 7.750, 299.051
Yxy	42.1875, 0.3039, 0.3103
Android (android.graphics.Color)	4289703098 (0xFFAFACBA)
YUV	174.4930, 5.6730, 0.4446
Hunter-Lab	64.9519, -0.1181, -2.4066

Details

The CIELCh color **71, 7.750, 299.051** is a light color, and the websafe version is hex **999999**. A complement of this color would be **75, 7.619, 118.050**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 7.934, 300.922**, and **51, 7.693, 299.807** is the 20% darker color. If you saturate the color by 10%, you get **65, 18.379, 299.815**, and if you desaturate by 10%, it is **77, 2.490, 118.388**.

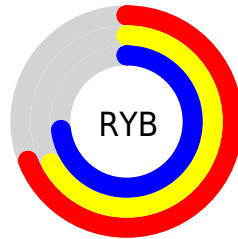
Distribution



Red (69%)

Green (67%)

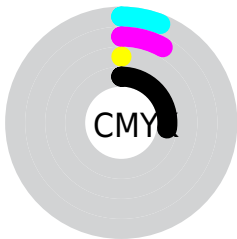
Blue (73%)



Red (69%)

Yellow (67%)

Blue (73%)

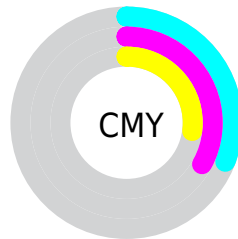


Cyan (6%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (31%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 7.750, 299.051 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, 7.750, 299.051 by changing the saturation by 10% instead.

■ 71, 7.750, 299.051

■ 71, 7.750, 299.051

■ 100, 7.750,
299.051

■ 61, 7.750, 299.051

■ 91, 7.750, 299.051

■ 51, 7.750, 299.051

■ 41, 7.750, 299.051

■ 31, 7.750, 299.051

■ 21, 7.750, 299.051

■ 11, 7.750, 299.051

■ 1, 7.750, 299.051

■ 0, 7.750, 299.051

■ 71, 7.750, 299.051

■ 71, 7.750, 299.051

65, 18.379,
299.815

77, 2.490, 118.388

59, 29.413,
300.697

83, 12.356,
117.808

53, 40.843,
301.695

89, 21.872,
117.312

47, 52.615,
302.802

95, 31.061,
116.886

41, 64.578,
303.989

98, 34.783,
111.851

36, 76.388,
305.185

99, 34.667,
107.537

31, 87.374,
306.260

27, 96.442,
307.021

24, 102.504,

Harmonies

Complementary

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



71, 7.750, 299.051



75, 7.619, 118.050

Rectangle

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



71, 7.750, 299.051



71, 7.750, 349.051



71, 7.750, 119.051



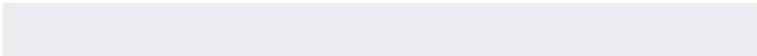
71, 7.750, 169.051

Sweetspot

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



71, 7.748, 299.045



94, 2.534, 298.662



74, 4.321, 219.798



51, 1.453, 298.655



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



71, 7.748, 299.045



89, 11.518, 299.163



72, 8.491, 316.024



36, 5.790, 299.177



19, 90.822, 307.477



1, 15.497, 296.471

Inverse Universe

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



72, 7.983, 331.457



90, 11.846, 331.566



74, 8.431, 135.438



36, 5.954, 331.578



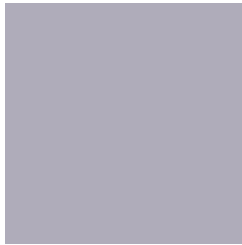
35, 67.841, 338.855



3, 15.183, 334.651

Previews

White Background



This preview shows how the CIELCh color 71, 7.750, 299.051 looks on a white background.

Color Contrast Check

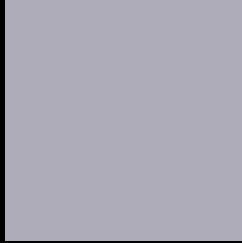
Large Text (above 18pt) WCAG AA × Fail

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, 7.750, 299.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

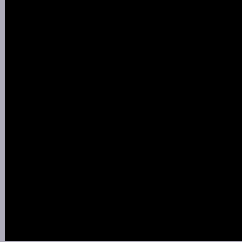
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

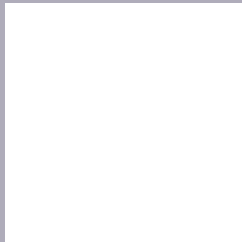
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 7.750, 299.051

Background



This preview shows how black text looks on a background with the CIELCh color 71, 7.750, 299.051.

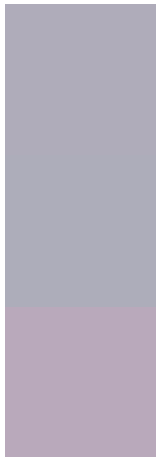


This preview shows how white text looks on a background with the CIELCh color 71, 7.750, 299.051.

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, 7.750, 299.051

Protanopia

71, 7.104, 290.884

Deuteranopia

71, 11.522, 321.838



Tritanopia
71, 7.750, 299.051

Trichromacy



Original Color
71, 7.750, 299.051

Protanomaly
71, 7.118, 293.816

Deuteranomaly
71, 10.182, 314.392

Tritanomaly
71, 7.750, 299.051

Monochromacy



Original Color
71, 7.750, 299.051

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.764, 298.177

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 7.750, 299.051 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, 172, 186)` looks like.

```
.text, #text, p{  
    color:rgb(175, 172, 186)  
}
```

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, 172, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 172, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 7.750, 299.051 is called "border". The border property can be set on classes, ids or directly on the HTML element.

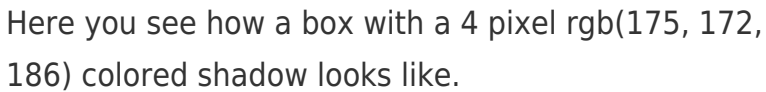
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 172, 186) }
```

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

```
.border{ border-color:rgb(175, 172, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 172, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 172, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 172, 186); box-shadow:4px 4px 4px 4px rgb(175, 172, 186) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 7.750, 299.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 172, 186) }
```

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

```
.background{ background-color: rgb(175,  
172, 186) }
```

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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