

Converting Colors

CIELCh(71, 7.370, 323.650)

Have a look what the booklet for
CIELCh(71, 7.370, 323.650) contains.

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Color

CIELCh(71, 7.102, 322.231)

Conversions

Conversions Part 1

Format	Color
Hex	B5ABB6
RGB	181, 171, 182
RGB Percent	71%, 67%, 71%
CMY	0.2912, 0.3304, 0.2873
CMYK	0.01, 0.06, 0.00, 0.29
HSL	295°, 7%, 69%
HSV	295°, 6%, 71%
XYZ	41.9259, 42.1875, 50.0482
YIQ	175.2440, 2.4290, 5.5410

Conversions

Conversions Part 2

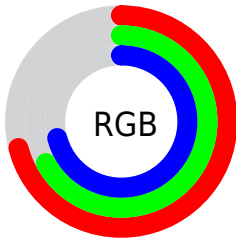
Format	Color
R _Y B	181, 171, 182
Decimal	11905974
CIE Lab	71.00, 5.61, -4.35
CIE LCh	71, 7.102, 322.231
Yxy	42.1875, 0.3125, 0.3145
Android (android.graphics.Color)	4290096054 (0xFFB5ABB6)
YUV	175.2440, 3.3307, 5.0480
Hunter-Lab	64.9519, 1.5545, -0.2191

Details

The CIELCh color **71, 7.102, 322.231** is a light color, and the websafe version is hex **999999**. A complement of this color would be **73, 7.076, 141.696**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 7.380, 322.394**, and **51, 6.865, 322.050** is the 20% darker color. If you saturate the color by 10%, you get **66, 18.957, 322.737**, and if you desaturate by 10%, it is **76, 4.578, 141.830**.

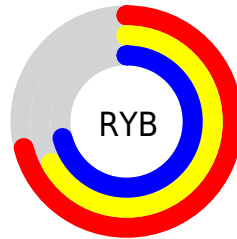
Distribution



Red (71%)

Green (67%)

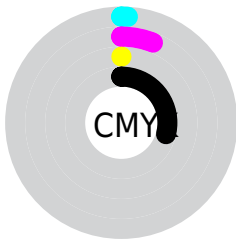
Blue (71%)



Red (71%)

Yellow (67%)

Blue (71%)

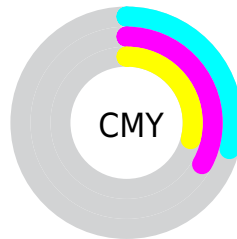


Cyan (1%)

Magenta (6%)

Yellow (0%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 7.102, 322.231 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, 7.102, 322.231 by changing the saturation by 10% instead.

■ 71, 7.102, 322.231

■ 71, 7.102, 322.231

■ 100, 7.102,
322.231

■ 61, 7.102, 322.231

■ 91, 7.102, 322.231

■ 51, 7.102, 322.231

■ 41, 7.102, 322.231

■ 31, 7.102, 322.231

■ 21, 7.102, 322.231

■ 11, 7.102, 322.231

■ 1, 7.102, 322.231

■ 0, 7.102, 322.231

■ 71, 7.102, 322.231

■ 71, 7.102, 322.231

66, 18.957,
322.737

76, 4.578, 141.830

62, 30.861,
323.224

81, 15.994,
141.331

57, 42.609,
323.689

86, 27.105,
140.883

53, 53.914,
324.113

91, 37.889,
140.462

49, 64.392,
324.474

94, 44.457,
139.999

46, 73.581,
324.745

94, 44.138,
139.414

44, 81.002,
324.899

94, 43.823,
138.817

42, 86.267,
324.912

94, 43.511,
138.208

41, 89.260,

95, 43.204,
137.586

324.776

Harmonies

Complementary

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



71, 7.102, 322.231



73, 7.076, 141.696

Rectangle

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



71, 7.102, 322.231



71, 7.102, 12.231



71, 7.102, 142.231



71, 7.102, 192.231

Sweetspot

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



71, 7.100, 322.230



93, 2.910, 321.975



70, 5.424, 286.467



50, 1.668, 321.965



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, 7.100, 322.230



90, 10.207, 322.287



71, 5.506, 339.016



37, 5.369, 322.306



34, 80.351, 324.745



3, 18.009, 320.881

Inverse Universe

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



71, 4.217, 12.247



89, 6.079, 12.355



73, 5.470, 158.245



37, 3.201, 12.390



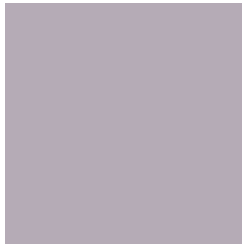
32, 68.437, 35.699



2, 10.701, 13.890

Previews

White Background



This preview shows how the CIELCh color 71, 7.102, 322.231 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, 7.102, 322.231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

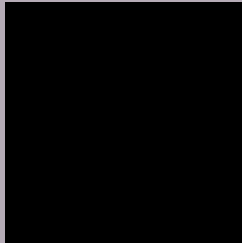
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

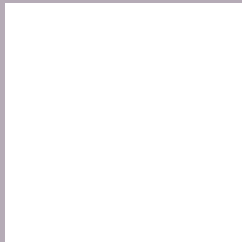
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 7.102, 322.231

Background



This preview shows how black text looks on a background with the CIELCh color 71, 7.102, 322.231.



This preview shows how white text looks on a background with the CIELCh color 71, 7.102, 322.231.

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, 7.102, 322.231

Protanopia

71, 5.484, 294.562

Deuteranopia

71, 9.814, 334.009



Tritanopia
71, 8.711, 318.688

Trichromacy



Original Color
71, 7.102, 322.231

Protanomaly
71, 6.213, 304.470

Deuteranomaly
71, 8.653, 330.992

Tritanomaly
71, 8.235, 320.470

Monochromacy



Original Color
71, 7.102, 322.231

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.667, 324.476

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 7.102, 322.231 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(181, 171, 182)` looks like.

```
.text, #text, p{  
    color:rgb(181, 171, 182)  
}
```

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(181, 171, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 171, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 7.102, 322.231 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(181, 171, 182) }
```

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

```
.border{ border-color:rgb(181, 171, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 171, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 171, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 171, 182);  
box-shadow:4px 4px 4px 4px rgb(181, 171,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 7.102, 322.231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 171, 182) }
```

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

```
.background{ background-color: rgb(181,  
171, 182) }
```

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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