

Converting Colors

CIELCh(71, 11.834, 310.956)

Have a look what the booklet for
CIELCh(71, 11.834, 310.956)
contains.

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Color

CIELCh(71, 11.698, 311.235)

Conversions

Conversions Part 1

Format	Color
Hex	B5AABE
RGB	181, 170, 190
RGB Percent	71%, 67%, 75%
CMY	0.2909, 0.3341, 0.2557
CMYK	0.05, 0.11, 0.00, 0.26
HSL	273°, 13%, 71%
HSV	273°, 11%, 74%
XYZ	42.6226, 42.1875, 54.5001
YIQ	175.5690, 0.1360, 8.5520

Conversions

Conversions Part 2

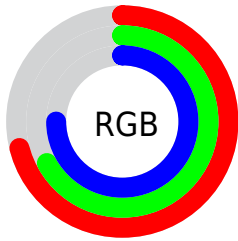
Format	Color
R_{YB}	181, 170, 190
Decimal	11905726
CIE Lab	71.00, 7.71, -8.80
CIE LCh	71, 11.698, 311.235
Yxy	42.1875, 0.3060, 0.3028
Android (android.graphics.Color)	4290095806 (0xFFB5AABE)
YUV	175.5690, 7.1145, 4.7630
Hunter-Lab	64.9519, 3.4691, -4.2830

Details

The CIELCh color **71, 11.698, 311.235** is a light color, and the websafe version is hex **999999**. A complement of this color would be **76, 11.542, 130.355**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 11.729, 311.874**, and **51, 11.790, 310.571** is the 20% darker color. If you saturate the color by 10%, you get **65, 23.091, 311.701**, and if you desaturate by 10%, it is **77, 0.592, 310.598**.

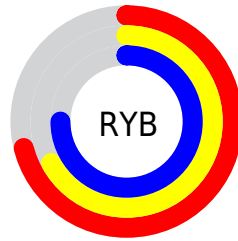
Distribution



Red (71%)

Green (67%)

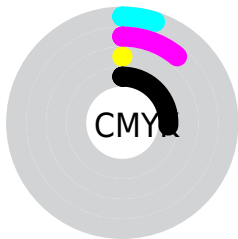
Blue (75%)



Red (71%)

Yellow (67%)

Blue (75%)

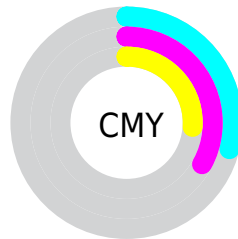


Cyan (5%)

Magenta (11%)

Yellow (0%)

Black (26%)



Cyan (29%)


Magenta (33%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 11.698, 311.235 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, 11.698, 311.235 by changing the saturation by 10% instead.


 71, 11.698,
311.235


 71, 11.698,
311.235


 100, 11.698,
311.235


 61, 11.698,
311.235


 91, 11.698,
311.235

 51, 11.698,
311.235

 41, 11.698,
311.235

 31, 11.698,
311.235

 21, 11.698,
311.235

 11, 11.698,
311.235

 1, 11.698, 311.235

0, 11.698, 311.235

71, 11.698,
311.235

71, 11.698,
311.235

65, 23.091,
311.701

77, 0.592, 310.598

60, 34.717,
312.189

82, 10.193,
130.439

55, 46.460,
312.683

88, 20.654,
130.081

49, 58.120,
313.155

93, 30.795,
129.767

44, 69.367,
313.559

96, 35.027,
127.262

40, 79.703,
313.830

97, 34.031,
122.347

36, 88.458,
313.880

98, 33.310,
117.086

33, 94.901,
313.608

98, 32.897,
111.560

31, 98.890,
313.072

99, 32.806,
107.681

Harmonies

Complementary

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



71, 11.698, 311.235



76, 11.542, 130.355

Rectangle

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



71, 11.698, 311.235



71, 11.698, 1.235



71, 11.698, 131.235



71, 11.698, 181.235

Sweetspot

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



71, 11.696, 311.233



95, 4.095, 310.882



73, 6.634, 260.388



51, 3.131, 310.924



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



71, 11.696, 311.233



88, 17.961, 311.356



72, 12.913, 325.903



37, 6.253, 311.179



25, 86.266, 313.226



2, 18.239, 306.746

Inverse Universe

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



71, 9.015, 347.306



89, 13.845, 347.565



75, 12.894, 144.735



37, 4.820, 347.191



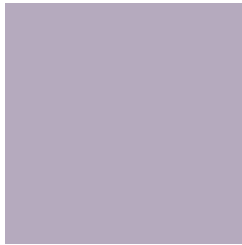
33, 59.063, 6.175



3, 13.591, 354.512

Previews

White Background



This preview shows how the CIELCh color 71, 11.698, 311.235 looks on a white background.

Color Contrast Check

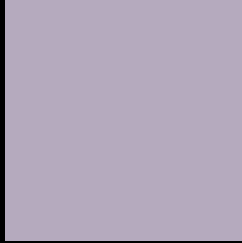
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 71, 11.698, 311.235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

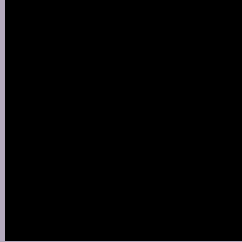
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 11.698, 311.235

Background



This preview shows how black text looks on a background with the CIELCh color 71, 11.698, 311.235.



This preview shows how white text looks on a background with the CIELCh color 71, 11.698, 311.235.

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, 11.698, 311.235

Protanopia

71, 10.378, 289.223

Deuteranopia

71, 12.629, 315.113



Tritanopia
71, 7.882, 315.759

Trichromacy



Original Color
71, 11.698, 311.235

Protanomaly
71, 10.459, 297.130

Deuteranomaly
71, 12.484, 313.563

Tritanomaly
71, 8.881, 312.800

Monochromacy



Original Color
71, 11.698, 311.235

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 4.123, 311.652

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 11.698, 311.235 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, 170, 190)` looks like.

```
.text, #text, p{  
    color:rgb(181, 170, 190)  
}
```

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, 170, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 170, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 11.698, 311.235 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, 170, 190) }
```

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

```
.border{ border-color:rgb(181, 170, 190) }
```

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

Here you see how a box with a 4 pixel rgb(181, 170, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 170, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 170, 190);  
box-shadow:4px 4px 4px 4px rgb(181, 170,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 11.698, 311.235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 170, 190) }
```

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

```
.background{ background-color: rgb(181,  
170, 190) }
```

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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