

Converting Colors

CIELCh(71, 11.297, 321.641)

Have a look what the booklet for
CIELCh(71, 11.297, 321.641)
contains.

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Color

CIELCh(71, 11.522, 321.838)

Conversions

Conversions Part 1

Format	Color
Hex	B9A9BB
RGB	185, 169, 187
RGB Percent	73%, 66%, 73%
CMY	0.2752, 0.3379, 0.2673
CMYK	0.01, 0.10, 0.00, 0.27
HSL	293°, 12%, 70%
HSV	293°, 10%, 73%
XYZ	43.0748, 42.1875, 52.7908
YIQ	175.8360, 3.7580, 8.9900

Conversions

Conversions Part 2

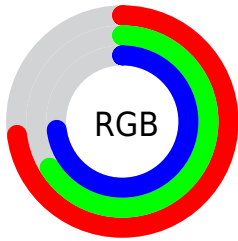
Format	Color
R_{YB}	185, 169, 187
Decimal	12167611
CIE _{Lab}	71.00, 9.06, -7.12
CIE _{LCh}	71, 11.522, 321.838
Yxy	42.1875, 0.3120, 0.3056
Android (android.graphics.Color)	4290357691 (0xFFB9A9BB)
YUV	175.8360, 5.5039, 8.0368
Hunter-Lab	64.9519, 4.7118, -2.7227

Details

The CIELCh color $71, 11.522, 321.838$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 11.479, 140.932$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 11.585, 321.922$, and $51, 11.569, 321.783$ is the 20% darker color. If you saturate the color by 10%, you get $66, 23.619, 322.325$, and if you desaturate by 10%, it is $76, 0.429, 141.896$.

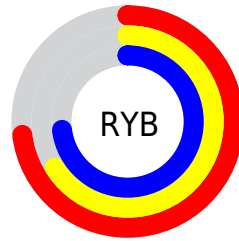
Distribution



Red (73%)

Green (66%)

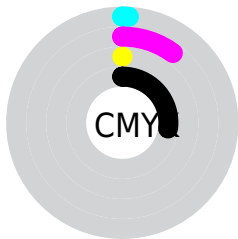
Blue (73%)



Red (73%)

Yellow (66%)

Blue (73%)

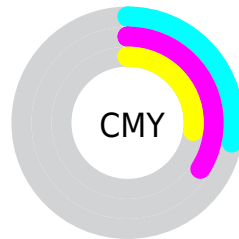


Cyan (1%)

Magenta (10%)

Yellow (0%)

Black (27%)



Cyan (28%)

Magenta (34%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 11.522, 321.838 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, 11.522, 321.838 by changing the saturation by 10% instead.


 71, 11.522,
321.838


 71, 11.522,
321.838


 100, 11.522,
321.838


 61, 11.522,
321.838


 91, 11.522,
321.838

 51, 11.522,
321.838

 41, 11.522,
321.838

 31, 11.522,
321.838

 21, 11.522,
321.838

 11, 11.522,
321.838

 1, 11.522, 321.838

■ 0, 11.522, 321.838

■ 71, 11.522,
321.838

■ 71, 11.522,
321.838

■ 66, 23.619,
322.325

■ 76, 0.429, 141.896

■ 61, 35.715,
322.797

■ 81, 12.132,
140.942

■ 57, 47.579,
323.242

■ 86, 23.535,
140.493

■ 53, 58.887,
323.637

■ 91, 34.611,
140.075

■ 49, 69.217,
323.956

■ 95, 41.067,
139.521

■ 46, 78.074,
324.170

■ 95, 40.671,
138.704

■ 44, 84.973,
324.248

■ 95, 40.281,
137.866

■ 42, 89.567,
324.167

■ 95, 39.899,
137.005

■ 41, 92.109,
323.942

■ 95, 39.525,
136.121

Harmonies

Complementary

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



71, 11.522, 321.838



74, 11.479, 140.932

Rectangle

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



71, 11.522, 321.838



71, 11.522, 11.838



71, 11.522, 141.838



71, 11.522, 191.838

Sweetspot

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



71, 11.520, 321.838



94, 4.413, 321.483



70, 8.723, 286.066



50, 3.373, 321.534



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, 11.520, 321.838



88, 17.758, 321.964



71, 9.102, 338.535



37, 6.833, 321.824



34, 81.472, 323.985



3, 20.321, 320.589

Inverse Universe

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



71, 6.972, 10.989



88, 10.816, 11.246



74, 9.033, 157.179



37, 4.133, 10.961



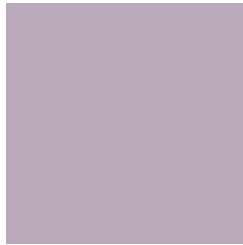
33, 68.457, 34.674



3, 12.346, 13.027

Previews

White Background



This preview shows how the CIELCh color 71, 11.522, 321.838 looks on a white background.

Color Contrast Check

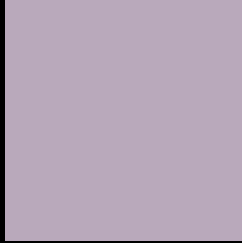
Large Text (above 18pt) WCAG AA × Fail

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, 11.522, 321.838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

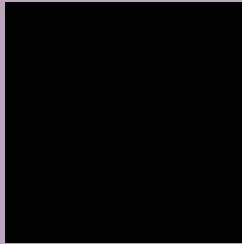
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 11.522, 321.838

Background



This preview shows how black text looks on a background with the CIELCh color 71, 11.522, 321.838.



This preview shows how white text looks on a background with the CIELCh color 71, 11.522, 321.838.

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, 11.522, 321.838

Protanopia

71, 8.742, 288.678

Deuteranopia

71, 11.522, 321.838



Tritanopia
71, 9.511, 326.714

Trichromacy



Original Color
71, 11.522, 321.838

Protanomaly
71, 9.583, 304.255

Deuteranomaly
71, 11.522, 321.838

Tritanomaly
71, 9.954, 324.859

Monochromacy



Original Color
71, 11.522, 321.838

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 4.452, 320.623

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 11.522, 321.838 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(185, 169, 187)` looks like.

```
.text, #text, p{  
    color:rgb(185, 169, 187)  
}
```

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(185, 169, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 169, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 11.522, 321.838 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(185, 169, 187) }
```

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

```
.border{ border-color:rgb(185, 169, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 169, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 169, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 169, 187);  
box-shadow:4px 4px 4px 4px rgb(185, 169,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 11.522, 321.838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 169, 187) }
```

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

```
.background{ background-color: rgb(185,  
169, 187) }
```

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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