

Converting Colors

CIELCh(71, 4.594, 344.884)

Have a look what the booklet for
CIELCh(71, 4.594, 344.884) contains.

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Color

CIELCh(71, 4.672, 344.019)

Conversions

Conversions Part 1

Format	Color
Hex	B5ABB0
RGB	181, 171, 176
RGB Percent	71%, 67%, 69%
CMY	0.2894, 0.3286, 0.3090
CMYK	0.00, 0.06, 0.03, 0.29
HSL	330°, 6%, 69%
HSV	330°, 6%, 71%
XYZ	41.5561, 42.1875, 47.1269
YIQ	174.5600, 4.3550, 3.6750

Conversions

Conversions Part 2

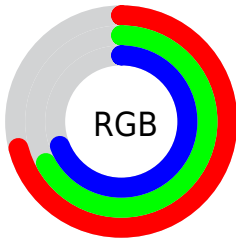
Format	Color
RYB	181, 171, 176
Decimal	11905968
CIELab	71.00, 4.49, -1.29
CIElCh	71, 4.672, 344.019
Yxy	42.1875, 0.3175, 0.3224
Android (android.graphics.Color)	4290096048 (0xFFB5ABB0)
YUV	174.5600, 0.7099, 5.6479
Hunter-Lab	64.9519, 0.5380, 2.4475

Details

The CIELCh color $71, 4.672, 344.019$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 4.628, 163.293$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 5.038, 341.560$, and $51, 4.662, 341.244$ is the 20% darker color. If you saturate the color by 10%, you get $66, 13.284, 344.953$, and if you desaturate by 10%, it is $76, 3.726, 163.416$.

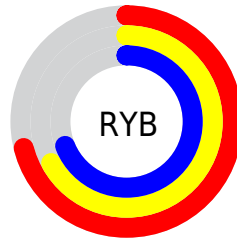
Distribution



Red (71%)

Green (67%)

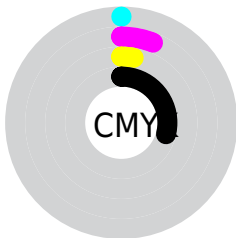
Blue (69%)



Red (71%)

Yellow (67%)

Blue (69%)

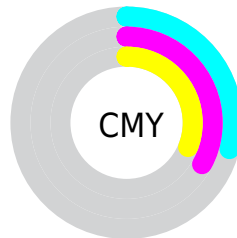


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 4.672, 344.019 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, 4.672, 344.019 by changing the saturation by 10% instead.

■ 71, 4.672, 344.019

■ 71, 4.672, 344.019

■ 100, 4.672,
344.019

■ 61, 4.672, 344.019

■ 91, 4.672, 344.019

■ 51, 4.672, 344.019

■ 41, 4.672, 344.019

■ 31, 4.672, 344.019

■ 21, 4.672, 344.019

■ 11, 4.672, 344.019

■ 1, 4.672, 344.019

■ 0, 4.672, 344.019

■ 71, 4.672, 344.019

■ 71, 4.672, 344.019

66, 13.284,
344.953

76, 3.726, 163.416

61, 22.027,
345.938

81, 11.857,
162.622

57, 30.748,
347.044

86, 19.707,
161.943

53, 39.215,
348.315

91, 27.276,
161.321

49, 47.100,
349.812

95, 30.741,
163.443

45, 53.990,
351.620

95, 28.013,
170.967

43, 59.449,
353.859

95, 25.800,
179.894

41, 63.133,
356.676

95, 24.255,
190.180

39, 64.986, 0.225

95, 23.649,
197.959

Harmonies

Complementary

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



71, 4.672, 344.019



73, 4.628, 163.293

Rectangle

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



71, 4.672, 344.019



71, 4.672, 34.019



71, 4.672, 164.019



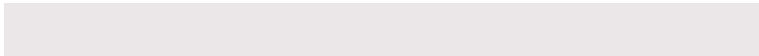
71, 4.672, 214.019

Sweetspot

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



71, 4.670, 344.027



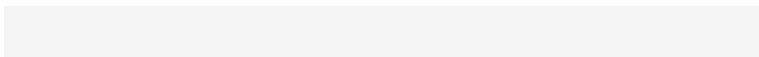
92, 2.082, 343.603



71, 5.800, 309.289



49, 1.183, 343.582



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 4.670, 344.027



89, 7.321, 344.179



71, 3.801, 19.604



37, 3.886, 344.213



33, 58.648, 1.395



3, 12.207, 350.799

Inverse Universe

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



71, 4.670, 344.027



89, 7.321, 344.179



73, 3.673, 199.244



37, 3.886, 344.213



33, 58.648, 1.395



3, 12.207, 350.799

Previews

White Background



This preview shows how the CIELCh color 71, 4.672, 344.019 looks on a white background.

Color Contrast Check

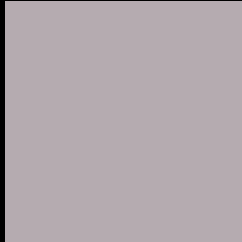
Large Text (above 18pt) WCAG AA × Fail

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, 4.672, 344.019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

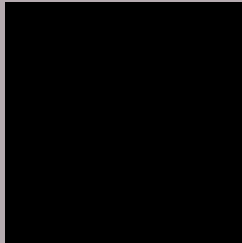
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

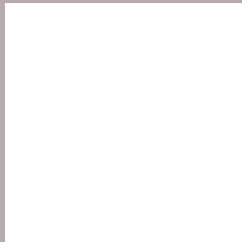
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 4.672, 344.019

Background



This preview shows how black text looks on a background with the CIELCh color 71, 4.672, 344.019.



This preview shows how white text looks on a background with the CIELCh color 71, 4.672, 344.019.

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, 4.672, 344.019

Protanopia

71, 2.473, 317.317

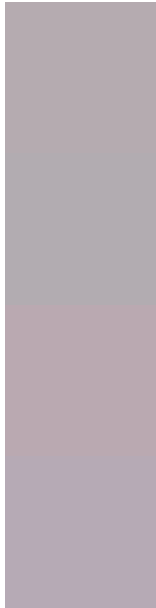
Deuteranopia

71, 9.357, 348.634



Tritanopia
71, 8.426, 322.682

Trichromacy



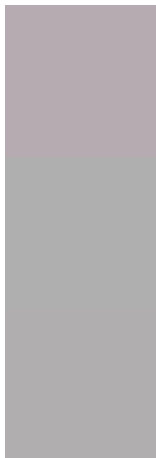
Original Color
71, 4.672, 344.019

Protanomaly
71, 3.560, 329.514

Deuteranomaly
71, 7.783, 345.992

Tritanomaly
71, 7.530, 327.110

Monochromacy



Original Color
71, 4.672, 344.019

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 1.261, 353.507

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 4.672, 344.019 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(181, 171, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 171, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 4.672, 344.019 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, 176) }
```

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

```
.border{ border-color:rgb(181, 171, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 171, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 171, 176);  
box-shadow:4px 4px 4px 4px rgb(181, 171,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 4.672, 344.019 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, 176) }
```

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

```
.background{ background-color: rgb(181,  
171, 176) }
```

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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