

Converting Colors

CIELCh(71, 8.720, 318.690)

Have a look what the booklet for
CIELCh(71, 8.720, 318.690) contains.

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Color

CIELCh(71, 8.711, 318.688)

Conversions

Conversions Part 1

Format	Color
Hex	B5AAB8
RGB	181, 170, 184
RGB Percent	71%, 67%, 72%
CMY	0.2891, 0.3322, 0.2773
CMYK	0.02, 0.08, 0.00, 0.28
HSL	287°, 9%, 70%
HSV	287°, 8%, 72%
XYZ	42.2337, 42.1875, 51.4233
YIQ	174.8850, 2.0620, 6.6860

Conversions

Conversions Part 2

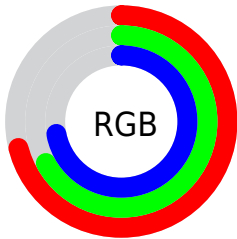
Format	Color
R _Y B	181, 170, 184
Decimal	11905720
CIE Lab	71.00, 6.54, -5.75
CIE LCh	71, 8.711, 318.688
Yxy	42.1875, 0.3109, 0.3106
Android (android.graphics.Color)	4290095800 (0xFFB5AAB8)
YUV	174.8850, 4.4937, 5.3629
Hunter-Lab	64.9519, 2.4003, -1.4743

Details

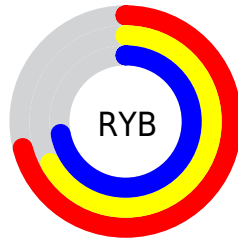
The CIELCh color $71, 8.711, 318.688$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 8.662, 138.065$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 8.906, 319.061$, and $51, 8.585, 318.278$ is the 20% darker color. If you saturate the color by 10%, you get $66, 20.340, 319.138$, and if you desaturate by 10%, it is $76, 2.713, 138.353$.

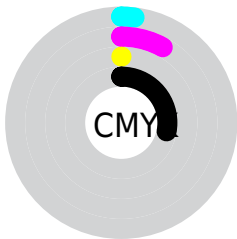
Distribution



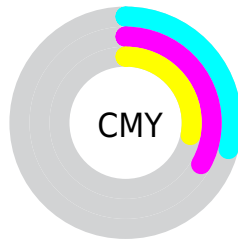
- Red (71%)
- Green (67%)
- Blue (72%)



- Red (71%)
- Yellow (67%)
- Blue (72%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (28%)



- Cyan (29%)
- Magenta (33%)
- Yellow (28%)
- Black (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 8.711, 318.688 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, 8.711, 318.688 by changing the saturation by 10% instead.

■ 71, 8.711, 318.688

■ 71, 8.711, 318.688

■ 100, 8.711,
318.688

■ 61, 8.711, 318.688

■ 91, 8.711, 318.688

■ 51, 8.711, 318.688

■ 41, 8.711, 318.688

■ 31, 8.711, 318.688

■ 21, 8.711, 318.688

■ 11, 8.711, 318.688

■ 1, 8.711, 318.688

■ 0, 8.711, 318.688

■ 71, 8.711, 318.688

■ 71, 8.711, 318.688

66, 20.340,
319.138

76, 2.713, 138.353

61, 32.073,
319.581

81, 13.863,
137.889

56, 43.737,
320.004

86, 24.712,
137.501

52, 55.074,
320.384

92, 35.247,
137.144

48, 65.717,
320.689

95, 41.094,
136.295

44, 75.193,
320.878

95, 40.400,
134.631

41, 82.963,
320.904

95, 39.738,
132.888

39, 88.541,
320.722

96, 39.111,
131.067

37, 91.808,

96, 38.522,
129.168

Harmonies

Complementary

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



71, 8.711, 318.688



74, 8.662, 138.065

Rectangle

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



71, 8.711, 318.688



71, 8.711, 8.688



71, 8.711, 138.688



71, 8.711, 188.688

Sweetspot

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



71, 8.709, 318.687



93, 2.829, 318.386



71, 6.075, 280.306



50, 1.608, 318.377



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, 8.709, 318.687



89, 12.791, 318.758



71, 7.613, 334.083



36, 6.484, 318.767



31, 81.551, 320.303



2, 17.139, 315.707

Inverse Universe

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



71, 5.573, 2.780



89, 8.205, 2.947



74, 7.579, 153.148



36, 4.161, 2.967



32, 63.236, 27.549



2, 10.943, 6.606

Previews

White Background



This preview shows how the CIELCh color 71, 8.711, 318.688 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, 8.711, 318.688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

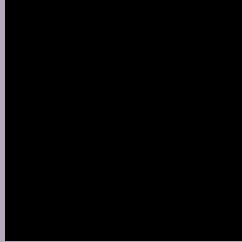
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

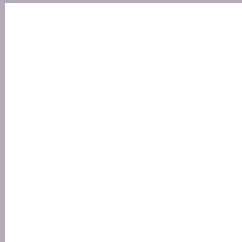
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 8.711, 318.688

Background



This preview shows how black text looks on a background with the CIELCh color 71, 8.711, 318.688.



This preview shows how white text looks on a background with the CIELCh color 71, 8.711, 318.688.

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, 8.711, 318.688

Protanopia

71, 7.104, 290.884

Deuteranopia

71, 10.822, 326.545



Tritanopia
71, 8.711, 318.688

Trichromacy



Original Color
71, 8.711, 318.688

Protanomaly
71, 7.278, 302.485

Deuteranomaly
71, 10.407, 323.169

Tritanomaly
71, 8.711, 318.688

Monochromacy



Original Color
71, 8.711, 318.688

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.132, 318.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 8.711, 318.688 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(181, 170, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 170, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 8.711, 318.688 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, 184) }
```

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

```
.border{ border-color:rgb(181, 170, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 170, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 170, 184);  
box-shadow:4px 4px 4px 4px rgb(181, 170,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 8.711, 318.688 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, 184) }
```

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

```
.background{ background-color: rgb(181,  
170, 184) }
```

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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