

Converting Colors

CIELCh(71, 9.215, 316.735)

Have a look what the booklet for
CIELCh(71, 9.215, 316.735) contains.

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Color

CIELCh(71, 9.195, 317.098)

Conversions

Conversions Part 1

Format	Color
Hex	B5AAB9
RGB	181, 170, 185
RGB Percent	71%, 67%, 73%
CMY	0.2894, 0.3325, 0.2737
CMYK	0.02, 0.08, 0.00, 0.27
HSL	284°, 10%, 70%
HSV	284°, 8%, 73%
XYZ	42.2976, 42.1875, 51.9289
YIQ	174.9990, 1.7410, 6.9970

Conversions

Conversions Part 2

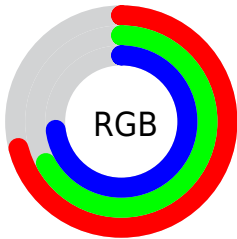
Format	Color
RYB	181, 170, 185
Decimal	11905721
CIELab	71.00, 6.74, -6.26
CIELCh	71, 9.195, 317.098
Yxy	42.1875, 0.3101, 0.3093
Android (android.graphics.Color)	4290095801 (0xFFB5AAB9)
YUV	174.9990, 4.9305, 5.2629
Hunter-Lab	64.9519, 2.5760, -1.9359

Details

The CIELCh color **71, 9.195, 317.098** is a light color, and the websafe version is hex **999999**. A complement of this color would be **74, 9.132, 136.449**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 9.364, 317.554**, and **51, 9.104, 316.598** is the 20% darker color. If you saturate the color by 10%, you get **66, 20.733, 317.537**, and if you desaturate by 10%, it is **76, 2.122, 136.787**.

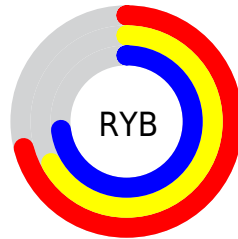
Distribution



Red (71%)

Green (67%)

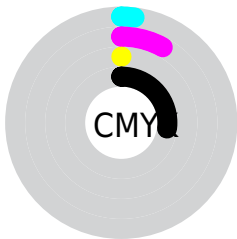
Blue (73%)



Red (71%)

Yellow (67%)

Blue (73%)

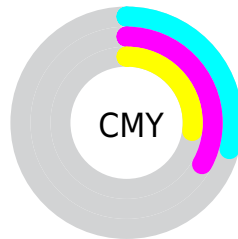


Cyan (2%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (29%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 9.195, 317.098 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, 9.195, 317.098 by changing the saturation by 10% instead.

71, 9.195, 317.098

71, 9.195, 317.098

100, 9.195,
317.098

61, 9.195, 317.098

91, 9.195, 317.098

51, 9.195, 317.098

41, 9.195, 317.098

31, 9.195, 317.098

21, 9.195, 317.098

11, 9.195, 317.098

1, 9.195, 317.098

0, 9.195, 317.098

71, 9.195, 317.098

71, 9.195, 317.098

66, 20.733,
317.537

76, 2.122, 136.787

61, 32.405,
317.973

81, 13.158,
136.324

56, 44.049,
318.393

87, 23.890,
135.954

51, 55.424,
318.772

92, 34.310,
135.617

47, 66.172,
319.075

95, 39.830,
134.532

43, 75.818,
319.254

96, 39.010,
132.303

40, 83.798,
319.256

96, 38.249,
129.948

38, 89.578,
319.021

96, 37.553,
127.469

36, 93.036,

96, 36.929,
124.870

318.533

Harmonies

Complementary

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



71, 9.195, 317.098



74, 9.132, 136.449

Rectangle

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



71, 9.195, 317.098



71, 9.195, 7.098



71, 9.195, 137.098



71, 9.195, 187.098

Sweetspot

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



71, 9.193, 317.097



93, 2.788, 316.784



71, 6.041, 275.957



50, 1.584, 316.776



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, 9.193, 317.097



88, 14.024, 317.188



71, 8.550, 331.587



36, 6.392, 317.151



29, 82.237, 318.551



2, 16.842, 313.572

Inverse Universe

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



71, 6.106, 358.992



88, 9.339, 359.214



74, 8.521, 150.629



36, 4.252, 359.125



32, 61.350, 23.219



2, 11.097, 3.630

Previews

White Background



This preview shows how the CIELCh color 71, 9.195, 317.098 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, 9.195, 317.098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

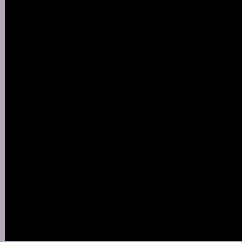
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 9.195, 317.098

Background



This preview shows how black text looks on a background with the CIELCh color 71, 9.195, 317.098.



This preview shows how white text looks on a background with the CIELCh color 71, 9.195, 317.098.

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, 9.195, 317.098

Protanopia

71, 7.649, 290.937

Deuteranopia

71, 10.610, 324.888



Tritanopia
71, 8.711, 318.688

Trichromacy



Original Color
71, 9.195, 317.098

Protanomaly
71, 7.814, 301.707

Deuteranomaly
71, 10.407, 323.169

Tritanomaly
71, 8.711, 318.688

Monochromacy



Original Color
71, 9.195, 317.098

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.620, 314.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 9.195, 317.098 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(181, 170, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 170, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 9.195, 317.098 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, 185) }
```

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

```
.border{ border-color:rgb(181, 170, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 170, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 170, 185);  
box-shadow:4px 4px 4px 4px rgb(181, 170,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 9.195, 317.098 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, 185) }
```

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

```
.background{ background-color: rgb(181,  
170, 185) }
```

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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