

Converting Colors

CIELCh(71, 7.323, 313.106)

Have a look what the booklet for
CIELCh(71, 7.323, 313.106) contains.

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Color

CIELCh(71, 7.732, 313.265)

Conversions

Conversions Part 1

Format	Color
Hex	B3ABB8
RGB	179, 171, 184
RGB Percent	70%, 67%, 72%
CMY	0.2979, 0.3293, 0.2783
CMYK	0.03, 0.07, 0.00, 0.28
HSL	277°, 8%, 70%
HSV	277°, 7%, 72%
XYZ	41.8220, 42.1875, 51.3042
YIQ	174.8740, 0.5950, 5.7390

Conversions

Conversions Part 2

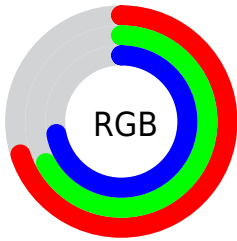
Format	Color
RYB	179, 171, 184
Decimal	11774904
CIELab	71.00, 5.30, -5.63
CIELCh	71, 7.732, 313.265
Yxy	42.1875, 0.3091, 0.3118
Android (android.graphics.Color)	4289964984 (0xFFB3ABB8)
YUV	174.8740, 4.4991, 3.6185
Hunter-Lab	64.9519, 1.2689, -1.3657

Details

The CIELCh color $71, 7.732, 313.265$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 7.663, 132.720$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 7.966, 314.115$, and $51, 7.555, 312.282$ is the 20% darker color. If you saturate the color by 10%, you get $66, 18.892, 313.705$, and if you desaturate by 10%, it is $76, 3.159, 132.924$.

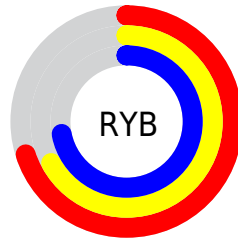
Distribution



Red (70%)

Green (67%)

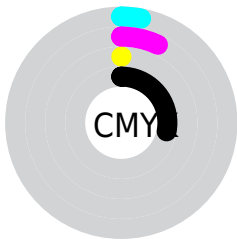
Blue (72%)



Red (70%)

Yellow (67%)

Blue (72%)

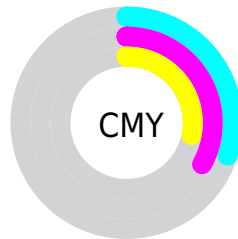


Cyan (3%)

Magenta (7%)

Yellow (0%)

Black (28%)



Cyan (30%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 7.732, 313.265 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, 7.732, 313.265 by changing the saturation by 10% instead.

■ 71, 7.732, 313.265

■ 71, 7.732, 313.265

■ 100, 7.732,
313.265

■ 61, 7.732, 313.265

■ 91, 7.732, 313.265

■ 51, 7.732, 313.265

■ 41, 7.732, 313.265

■ 31, 7.732, 313.265

■ 21, 7.732, 313.265

■ 11, 7.732, 313.265

■ 1, 7.732, 313.265

■ 0, 7.732, 313.265

■ 71, 7.732, 313.265

■ 71, 7.732, 313.265

66, 18.892,
313.705

76, 3.159, 132.924

60, 30.267,
314.157

82, 13.747,
132.517

55, 41.747,
314.611

87, 24.025,
132.175

50, 53.144,
315.041

93, 33.995,
131.871

46, 64.163,
315.411

96, 38.993,
130.258

41, 74.366,
315.665

96, 38.001,
126.753

38, 83.169,
315.733

97, 37.159,
123.011

35, 89.919,
315.531

97, 36.487,
119.054

32, 94.215,

98, 36.004,
114.915

Harmonies

Complementary

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



71, 7.732, 313.265



74, 7.663, 132.720

Rectangle

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



71, 7.732, 313.265



71, 7.732, 3.265



71, 7.732, 133.265



71, 7.732, 183.265

Sweetspot

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



71, 7.730, 313.262



93, 2.703, 313.009



72, 4.624, 266.393



50, 1.536, 313.001



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, 7.730, 313.262



89, 10.866, 313.310



71, 8.048, 327.642



36, 6.205, 313.363



26, 84.083, 314.975



2, 16.314, 308.988

Inverse Universe

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



71, 5.632, 350.924



90, 7.921, 351.035



74, 8.029, 146.886



36, 4.525, 351.157



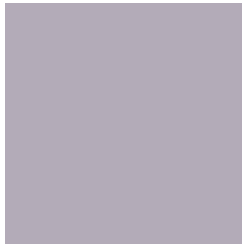
33, 58.707, 12.373



2, 11.550, 357.242

Previews

White Background



This preview shows how the CIELCh color 71, 7.732, 313.265 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, 7.732, 313.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

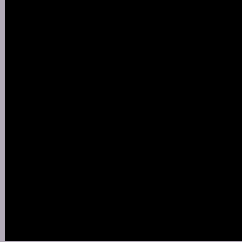
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 7.732, 313.265

Background



This preview shows how black text looks on a background with the CIELCh color 71, 7.732, 313.265.

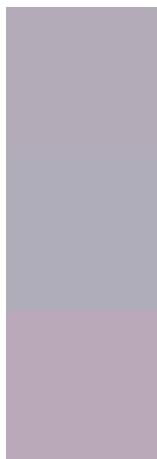


This preview shows how white text looks on a background with the CIELCh color 71, 7.732, 313.265.

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, 7.732, 313.265

Protanopia

71, 6.573, 294.015

Deuteranopia

71, 10.390, 328.316



Tritanopia
71, 7.732, 313.265

Trichromacy



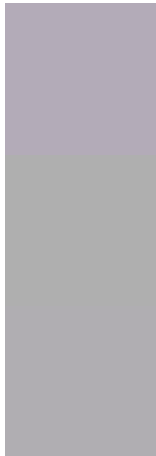
Original Color
71, 7.732, 313.265

Protanomaly
71, 7.278, 302.485

Deuteranomaly
71, 9.084, 322.863

Tritanomaly
71, 7.732, 313.265

Monochromacy



Original Color
71, 7.732, 313.265

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.322, 309.118

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 7.732, 313.265 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(179, 171, 184)` looks like.

```
.text, #text, p{  
    color:rgb(179, 171, 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(179, 171, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 171, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 7.732, 313.265 is called "border". The border property can be set on classes, ids or directly on the HTML element.

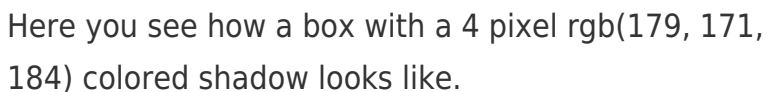
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 171, 184) }
```

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

```
.border{ border-color:rgb(179, 171, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 171, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 171, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 171, 184); box-shadow:4px 4px 4px 4px rgb(179, 171, 184) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 7.732, 313.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 171, 184) }
```

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

```
.background{ background-color: rgb(179,  
171, 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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