

Converting Colors

CIELCh(71, 8.111, 309.387)

Have a look what the booklet for
CIELCh(71, 8.111, 309.387) contains.

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Color

CIELCh(71, 8.111, 309.387)

Conversions

Conversions Part 1

Format	Color
Hex	B2ABB9
RGB	178, 171, 185
RGB Percent	70%, 67%, 73%
CMY	0.3013, 0.3287, 0.2738
CMYK	0.04, 0.08, 0.00, 0.27
HSL	270°, 9%, 70%
HSV	270°, 8%, 73%
XYZ	41.7718, 42.1875, 51.9382
YIQ	174.6890, -0.3220, 5.8380

Conversions

Conversions Part 2

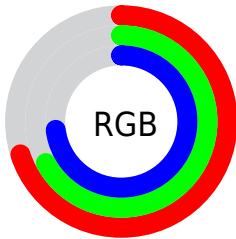
Format	Color
RYB	178, 171, 185
Decimal	11709369
CIELab	71.00, 5.15, -6.27
CIELCh	71, 8.111, 309.387
Yxy	42.1875, 0.3074, 0.3104
Android (android.graphics.Color)	4289899449 (0xFFB2ABB9)
YUV	174.6890, 5.0833, 2.9037
Hunter-Lab	64.9519, 1.1308, -1.9444

Details

The CIELCh color $71, 8.111, 309.387$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 8.016, 128.751$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 8.315, 310.475$, and $51, 7.974, 308.146$ is the 20% darker color. If you saturate the color by 10%, you get $65, 19.096, 309.867$, and if you desaturate by 10%, it is $77, 2.566, 129.008$.

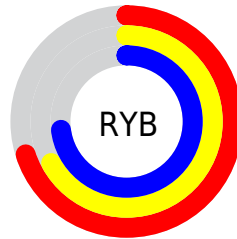
Distribution



Red (70%)

Green (67%)

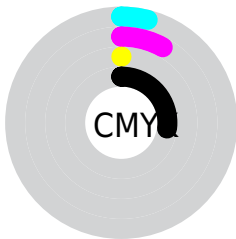
Blue (73%)



Red (70%)

Yellow (67%)

Blue (73%)

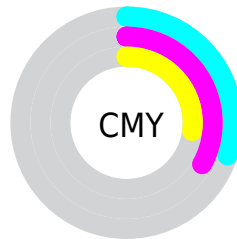


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (27%)



Cyan (30%)

Magenta (33%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 8.111, 309.387 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, 8.111, 309.387 by changing the saturation by 10% instead.

■ 71, 8.111, 309.387

■ 71, 8.111, 309.387

■ 100, 8.111,
309.387

■ 61, 8.111, 309.387

■ 91, 8.111, 309.387

■ 51, 8.111, 309.387

■ 41, 8.111, 309.387

■ 31, 8.111, 309.387

■ 21, 8.111, 309.387

■ 11, 8.111, 309.387

■ 1, 8.111, 309.387

■ 0, 8.111, 309.387

■ 71, 8.111, 309.387

■ 71, 8.111, 309.387

65, 19.096,
309.867

77, 2.566, 129.008

60, 30.359,
310.381

82, 12.916,
128.584

54, 41.821,
310.918

88, 22.944,
128.235

49, 53.333,
311.455

93, 32.659,
127.930

44, 64.637,
311.952

96, 37.088,
125.498

39, 75.314,
312.349

97, 36.101,
120.376

35, 84.747,
312.557

98, 35.431,
114.916

32, 92.170,
312.468

98, 35.116,
109.217

29, 97.058,

99, 35.095,
107.504

Harmonies

Complementary

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



71, 8.111, 309.387



74, 8.016, 128.751

Rectangle

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



71, 8.111, 309.387



71, 8.111, 359.387



71, 8.111, 129.387



71, 8.111, 179.387

Sweetspot

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



71, 8.109, 309.384



93, 2.632, 309.101



72, 4.486, 254.614



50, 1.495, 309.094



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, 8.109, 309.384



89, 11.931, 309.459



72, 9.228, 324.374



36, 6.049, 309.468



24, 86.141, 312.045



2, 15.953, 304.902

Inverse Universe

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



71, 6.529, 344.208



89, 9.604, 344.354



74, 9.209, 143.601



36, 4.869, 344.371



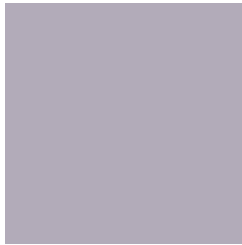
33, 58.650, 1.371



3, 12.208, 350.785

Previews

White Background



This preview shows how the CIELCh color 71, 8.111, 309.387 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, 8.111, 309.387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

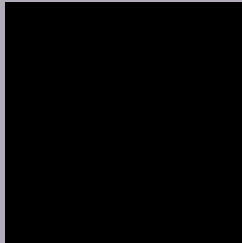
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

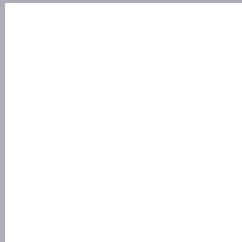
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 8.111, 309.387

Background



This preview shows how black text looks on a background with the CIELCh color 71, 8.111, 309.387.

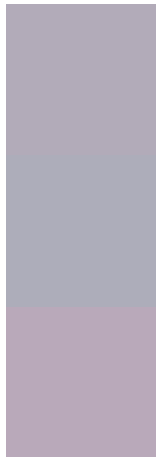


This preview shows how white text looks on a background with the CIELCh color 71, 8.111, 309.387.

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, 8.111, 309.387

Protanopia

71, 7.104, 290.884

Deuteranopia

71, 11.062, 323.298



Tritanopia
71, 8.111, 309.387

Trichromacy



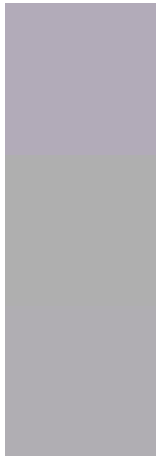
Original Color
71, 8.111, 309.387

Protanomaly
71, 7.750, 299.051

Deuteranomaly
71, 10.019, 319.543

Tritanomaly
71, 8.111, 309.387

Monochromacy



Original Color
71, 8.111, 309.387

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.843, 305.608

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 8.111, 309.387 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(178, 171, 185)` looks like.

```
.text, #text, p{  
    color:rgb(178, 171, 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(178, 171, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 171, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 8.111, 309.387 is called "border". The border property can be set on classes, ids or directly on the HTML element.

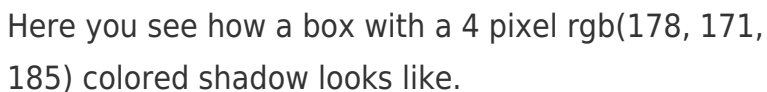
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 171, 185) }
```

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

```
.border{ border-color:rgb(178, 171, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 171, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 171, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 171, 185); box-shadow:4px 4px 4px 4px rgb(178, 171, 185) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 8.111, 309.387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 171, 185) }
```

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

```
.background{ background-color: rgb(178,  
171, 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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