

Converting Colors

CIELCh(71, 6.016, 303.249)

Have a look what the booklet for
CIELCh(71, 6.016, 303.249) contains.

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Color

CIELCh(71, 6.213, 304.470)

Conversions

Conversions Part 1

Format	Color
Hex	B0ACB7
RGB	176, 172, 183
RGB Percent	69%, 67%, 72%
CMY	0.3096, 0.3252, 0.2821
CMYK	0.04, 0.06, 0.00, 0.28
HSL	262°, 7%, 70%
HSV	262°, 6%, 72%
XYZ	41.2366, 42.1875, 50.8032
YIQ	174.4500, -1.1470, 4.2690

Conversions

Conversions Part 2

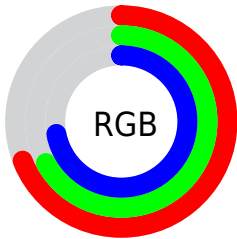
Format	Color
RYB	176, 172, 183
Decimal	11578551
CIELab	71.00, 3.52, -5.12
CIELCh	71, 6.213, 304.470
Yxy	42.1875, 0.3072, 0.3143
Android (android.graphics.Color)	4289768631 (0xFFB0ACB7)
YUV	174.4500, 4.2152, 1.3594
Hunter-Lab	64.9519, -0.3400, -0.9084

Details

The CIELCh color $71, 6.213, 304.470$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 6.134, 123.871$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 6.498, 306.333$, and $51, 6.064, 305.861$ is the 20% darker color. If you saturate the color by 10%, you get $65, 16.817, 305.041$, and if you desaturate by 10%, it is $77, 4.044, 123.987$.

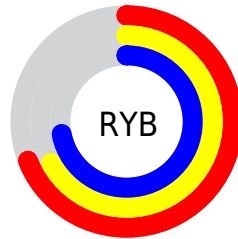
Distribution



Red (69%)

Green (67%)

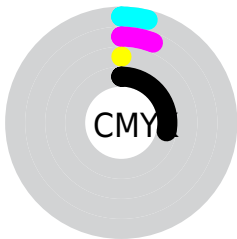
Blue (72%)



Red (69%)

Yellow (67%)

Blue (72%)

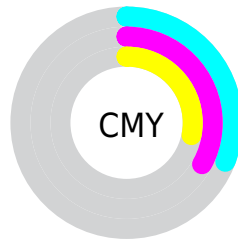


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (28%)



Cyan (31%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 6.213, 304.470 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, 6.213, 304.470 by changing the saturation by 10% instead.

■ 71, 6.213, 304.470

■ 71, 6.213, 304.470

■ 100, 6.213,
304.470

■ 61, 6.213, 304.470

■ 91, 6.213, 304.470

■ 51, 6.213, 304.470

■ 41, 6.213, 304.470

■ 31, 6.213, 304.470

■ 21, 6.213, 304.470

■ 11, 6.213, 304.470

■ 1, 6.213, 304.470

■ 0, 6.213, 304.470

■ 71, 6.213, 304.470

■ 71, 6.213, 304.470

65, 16.817,
305.041

77, 4.044, 123.987

60, 27.767,
305.681

82, 13.954,
123.534

54, 39.026,
306.381

88, 23.534,
123.147

48, 50.507,
307.128

94, 32.801,
122.813

43, 62.028,
307.890

97, 37.069,
119.640

38, 73.247,
308.605

98, 36.328,
112.876

33, 83.578,
309.176

99, 36.138,
107.423

29, 92.162,
309.466

27, 98.081,

Harmonies

Complementary

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



71, 6.213, 304.470



74, 6.134, 123.871

Rectangle

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



71, 6.213, 304.470



71, 6.213, 354.470



71, 6.213, 124.470



71, 6.213, 174.470

Sweetspot

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



71, 6.211, 304.464



92, 2.542, 304.235



73, 3.324, 238.442



50, 1.457, 304.228



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, 6.211, 304.464



89, 8.947, 304.526



71, 6.968, 320.528



36, 4.708, 304.546



21, 88.591, 309.383



1, 15.680, 300.692

Inverse Universe

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



71, 5.645, 337.340



90, 8.126, 337.430



73, 6.938, 140.033



37, 4.275, 337.458



34, 61.646, 349.438



3, 13.366, 342.913

Previews

White Background



This preview shows how the CIELCh color 71, 6.213, 304.470 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, 6.213, 304.470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

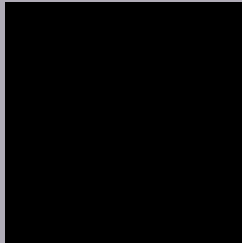
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

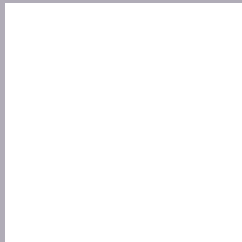
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 6.213, 304.470

Background



This preview shows how black text looks on a background with the CIELCh color 71, 6.213, 304.470.

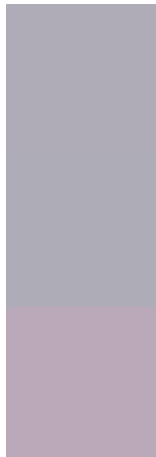


This preview shows how white text looks on a background with the CIELCh color 71, 6.213, 304.470.

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, 6.213, 304.470

Protanopia

71, 5.484, 294.562

Deuteranopia

71, 10.390, 328.316



Tritanopia
71, 7.278, 302.485

Trichromacy



Original Color
71, 6.213, 304.470

Protanomaly
71, 5.525, 298.366

Deuteranomaly
71, 8.891, 320.817

Tritanomaly
71, 6.745, 303.395

Monochromacy



Original Color
71, 6.213, 304.470

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 2.226, 300.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 6.213, 304.470 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(176, 172, 183)` looks like.

```
.text, #text, p{  
    color:rgb(176, 172, 183)  
}
```

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(176, 172, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 172, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 6.213, 304.470 is called "border". The border property can be set on classes, ids or directly on the HTML element.

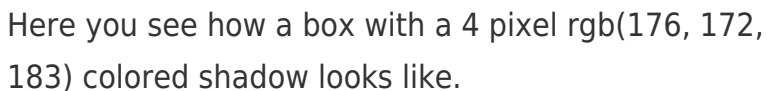
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(176, 172, 183) }
```

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

```
.border{ border-color:rgb(176, 172, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(176, 172, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 172, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 172, 183); box-shadow:4px 4px 4px 4px rgb(176, 172, 183) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 6.213, 304.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 172, 183) }
```

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

```
.background{ background-color: rgb(176,  
172, 183) }
```

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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