

Converting Colors

CIELCh(71, 15.608, 302.142)

Have a look what the booklet for
CIELCh(71, 15.608, 302.142)
contains.

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Color

CIELCh(71, 15.625, 302.146)

Conversions

Conversions Part 1

Format	Color
Hex	B2AAC6
RGB	178, 170, 198
RGB Percent	70%, 67%, 78%
CMY	0.3027, 0.3341, 0.2243
CMYK	0.10, 0.14, 0.00, 0.22
HSL	257°, 20%, 72%
HSV	257°, 14%, 78%
XYZ	42.8244, 42.1875, 59.1925
YIQ	175.5840, -4.2200, 10.4040

Conversions

Conversions Part 2

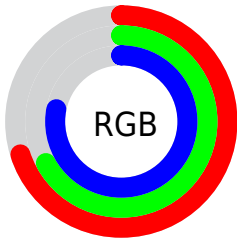
Format	Color
R_{YB}	178, 170, 198
Decimal	11709126
CIE Lab	71.00, 8.31, -13.23
CIE LCh	71, 15.625, 302.146
Yxy	42.1875, 0.2970, 0.2926
Android (android.graphics.Color)	4289899206 (0xFFB2AAC6)
YUV	175.5840, 11.0511, 2.1188
Hunter-Lab	64.9519, 4.0237, -8.5663

Details

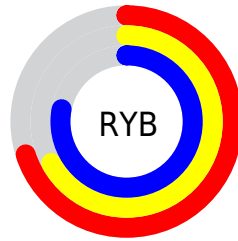
The CIELCh color $71, 15.625, 302.146$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $79, 15.199, 120.437$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 15.930, 302.516$, and $51, 15.454, 301.803$ is the 20% darker color. If you saturate the color by 10%, you get $65, 27.140, 302.877$, and if you desaturate by 10%, it is $77, 4.508, 301.493$.

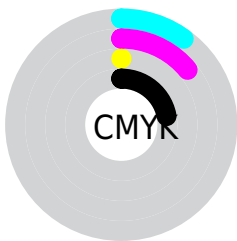
Distribution



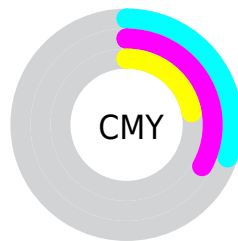
- Red (70%)
- Green (67%)
- Blue (78%)



- Red (70%)
- Yellow (67%)
- Blue (78%)



- Cyan (10%)
- Magenta (14%)
- Yellow (0%)
- Black (22%)





- Cyan (30%)
- Magenta (33%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 15.625, 302.146 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, 15.625, 302.146 by changing the saturation by 10% instead.


 71, 15.625,
302.146


 71, 15.625,
302.146


 100, 15.625,
302.146


 61, 15.625,
302.146


 91, 15.625,
302.146

 51, 15.625,
302.146

 41, 15.625,
302.146

 31, 15.625,
302.146

 21, 15.625,
302.146

 11, 15.625,
302.146

 1, 15.625, 302.146

0, 15.625, 302.146

71, 15.625,
302.146

71, 15.625,
302.146

65, 27.140,
302.877

77, 4.508, 301.493

83, 6.215, 120.948

59, 39.044,
303.700

90, 16.560,
120.458

52, 51.278,
304.604

96, 26.548,
120.037

46, 63.697,
305.564

98, 28.956,
112.867

41, 75.993,
306.523

99, 28.830,
107.987

36, 87.582,
307.382

■ 31, 97.512,
307.984

■ 28, 104.581,
308.142

■ 27, 107.574,
308.104

Harmonies

Complementary

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



71, 15.625, 302.146



79, 15.199, 120.437

Rectangle

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



71, 15.625, 302.146



71, 15.625, 352.146



71, 15.625, 122.146



71, 15.625, 172.146

Sweetspot

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



71, 15.623, 302.144



97, 5.337, 301.488



76, 8.182, 230.574



51, 3.797, 301.535



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 15.623, 302.144



87, 23.193, 302.362



72, 17.270, 318.915



39, 6.237, 301.825



21, 93.116, 308.227



2, 21.787, 299.221

Inverse Universe

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



72, 15.066, 334.649



89, 22.282, 334.874



78, 17.137, 137.661



39, 6.045, 334.307



36, 66.838, 343.648



4, 20.820, 339.704

Previews

White Background



This preview shows how the CIELCh color 71, 15.625, 302.146 looks on a white background.

Color Contrast Check

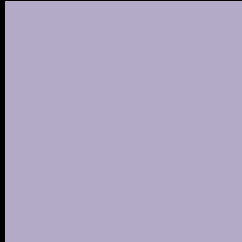
Large Text (above 18pt) WCAG AA × Fail

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, 15.625, 302.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

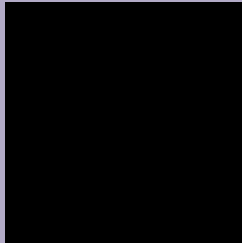
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 15.625, 302.146

Background



This preview shows how black text looks on a background with the CIELCh color 71, 15.625, 302.146.



This preview shows how white text looks on a background with the CIELCh color 71, 15.625, 302.146.

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, 15.625, 302.146

Protanopia

71, 14.775, 287.550

Deuteranopia

71, 16.323, 304.301



Tritanopia
71, 7.278, 302.485

Trichromacy



Original Color
71, 15.625, 302.146

Protanomaly
71, 15.327, 292.994

Deuteranomaly
71, 16.323, 304.301

Tritanomaly
71, 10.649, 302.964

Monochromacy



Original Color
71, 15.625, 302.146

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 5.591, 302.106

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 15.625, 302.146 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, 170, 198)` looks like.

```
.text, #text, p{  
    color:rgb(178, 170, 198)  
}
```

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, 170, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 170, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 15.625, 302.146 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, 170, 198) }
```

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

```
.border{ border-color:rgb(178, 170, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 170, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 170, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 170, 198);  
box-shadow:4px 4px 4px 4px rgb(178, 170,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 15.625, 302.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 170, 198) }
```

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

```
.background{ background-color: rgb(178,  
170, 198) }
```

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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