

Converting Colors

CIELCh(72, 15.621, 302.221)

Have a look what the booklet for
CIELCh(72, 15.621, 302.221)
contains.

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Color

CIELCh(72, 16.196, 303.054)

Conversions

Conversions Part 1

Format	Color
Hex	B5ACC9
RGB	181, 172, 201
RGB Percent	71%, 67%, 79%
CMY	0.2894, 0.3247, 0.2109
CMYK	0.10, 0.14, 0.00, 0.21
HSL	259°, 21%, 73%
HSV	259°, 14%, 79%
XYZ	44.4639, 43.6590, 61.4724
YIQ	177.9970, -3.9450, 10.9270

Conversions

Conversions Part 2

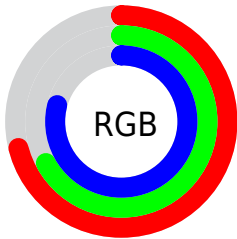
Format	Color
RYB	181, 172, 201
Decimal	11906249
CIELab	72.00, 8.83, -13.57
CIELCh	72, 16.196, 303.054
Yxy	43.6590, 0.2972, 0.2918
Android (android.graphics.Color)	4290096329 (0xFFB5ACC9)
YUV	177.9970, 11.3405, 2.6336
Hunter-Lab	66.0750, 4.4869, -8.9076

Details

The CIELCh color $72, 16.196, 303.054$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $80, 15.759, 121.382$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 14.967, 304.530$, and $52, 16.047, 302.792$ is the 20% darker color. If you saturate the color by 10%, you get $66, 27.907, 303.754$, and if you desaturate by 10%, it is $78, 4.879, 302.426$.

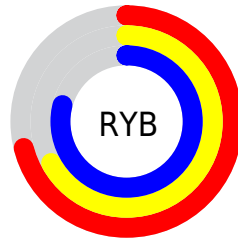
Distribution



Red (71%)

Green (67%)

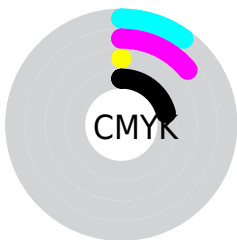
Blue (79%)



Red (71%)

Yellow (67%)

Blue (79%)

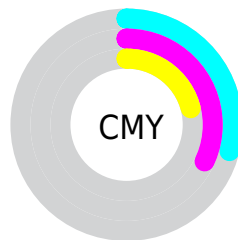


Cyan (10%)

Magenta (14%)

Yellow (0%)

Black (21%)



Cyan (29%)


Magenta (32%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 16.196, 303.054 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 72, 16.196, 303.054 by changing the saturation by 10% instead.


 72, 16.196,
303.054


 72, 16.196,
303.054


 100, 16.196,
303.054


 62, 16.196,
303.054


 92, 16.196,
303.054

 52, 16.196,
303.054

 42, 16.196,
303.054

 32, 16.196,
303.054

 22, 16.196,
303.054

 12, 16.196,
303.054

 2, 16.196, 303.054

■ 0, 16.196, 303.054

■ 72, 16.196,
303.054

■ 72, 16.196,
303.054

■ 66, 27.907,
303.754

■ 78, 4.879, 302.426

■ 85, 6.043, 121.905

■ 59, 39.999,
304.536

■ 91, 16.584,
121.429

■ 53, 52.400,
305.389

■ 97, 26.765,
121.021

■ 47, 64.950,
306.285

■ 99, 27.193,
111.605

■ 42, 77.321,
307.166

■ 99, 27.129,
108.118

■ 36, 88.909,
307.933

■ 32, 98.757,
308.435

■ 29, 105.696,
308.495

■ 27, 108.516,
308.409

Harmonies

Complementary

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



72, 16.196, 303.054



80, 15.759, 121.382

Rectangle

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



72, 16.196, 303.054



72, 16.196, 353.054



72, 16.196, 123.054



72, 16.196, 173.054

Sweetspot

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



72, 16.194, 303.052



97, 5.356, 302.404



77, 8.437, 232.766



51, 3.810, 302.450



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 16.194, 303.052



87, 23.262, 303.242



73, 17.922, 319.436



39, 6.257, 302.729



21, 92.724, 308.550



2, 21.829, 299.878

Inverse Universe

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



73, 15.294, 335.688



89, 21.898, 335.899



79, 17.792, 138.137



39, 5.939, 335.315



36, 65.794, 345.438



4, 20.386, 341.213

Previews

White Background



This preview shows how the CIELCh color 72, 16.196, 303.054 looks on a white background.

Color Contrast Check

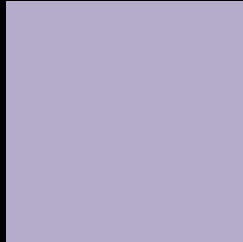
Large Text (above 18pt) WCAG AA × Fail

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 72, 16.196, 303.054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

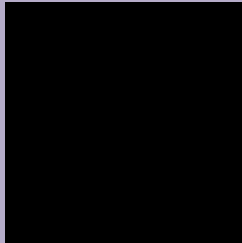
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 16.196, 303.054

Background



This preview shows how black text looks on a background with the CIELCh color 72, 16.196, 303.054.



This preview shows how white text looks on a background with the CIELCh color 72, 16.196, 303.054.

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


72, 16.196, 303.054

Protanopia

72, 15.270, 287.729

Deuteranopia

72, 16.272, 304.288



Tritanopia
72, 7.878, 304.316

Trichromacy



Original Color
72, 16.196, 303.054

Protanomaly
72, 15.278, 292.972

Deuteranomaly
72, 16.272, 304.288

Tritanomaly
72, 11.239, 304.226

Monochromacy



Original Color
72, 16.196, 303.054

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 5.573, 302.101

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 16.196, 303.054 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, 172, 201)` looks like.

```
.text, #text, p{  
    color:rgb(181, 172, 201)  
}
```

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, 172, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 172, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 16.196, 303.054 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, 172, 201) }
```

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

```
.border{ border-color:rgb(181, 172, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 172, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 172, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 172, 201);  
box-shadow:4px 4px 4px 4px rgb(181, 172,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 16.196, 303.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 172, 201) }
```

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

```
.background{ background-color: rgb(181,  
172, 201) }
```

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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