

Converting Colors

CIELCh(72, 13.532, 302.463)

Have a look what the booklet for
CIELCh(72, 13.532, 302.463)
contains.

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Color

CIELCh(72, 13.369, 302.229)

Conversions

Conversions Part 1

Format	Color
Hex	B4ADC5
RGB	180, 173, 197
RGB Percent	71%, 68%, 77%
CMY	0.2938, 0.3213, 0.2272
CMYK	0.09, 0.12, 0.00, 0.23
HSL	257°, 17%, 73%
HSV	257°, 12%, 77%
XYZ	43.8808, 43.6590, 58.9792
YIQ	177.8290, -3.5320, 8.9480

Conversions

Conversions Part 2

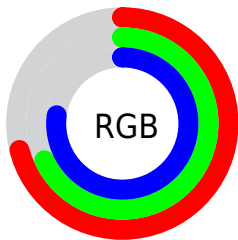
Format	Color
RYB	180, 173, 197
Decimal	11840965
CIELab	72.00, 7.13, -11.31
CIELCh	72, 13.369, 302.229
Yxy	43.6590, 0.2995, 0.2980
Android (android.graphics.Color)	4290031045 (0xFFB4ADC5)
YUV	177.8290, 9.4513, 1.9040
Hunter-Lab	66.0750, 2.9118, -6.6704

Details

The CIELCh color $72, 13.369, 302.229$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $78, 13.055, 120.787$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 13.793, 302.696$, and $52, 13.037, 301.738$ is the 20% darker color. If you saturate the color by 10%, you get $66, 24.776, 302.934$, and if you desaturate by 10%, it is $78, 2.355, 301.591$.

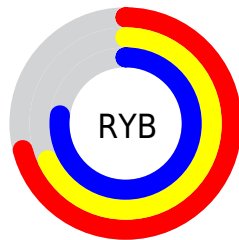
Distribution



Red (71%)

Green (68%)

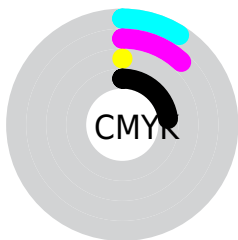
Blue (77%)



Red (71%)

Yellow (68%)

Blue (77%)

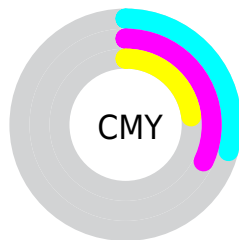


Cyan (9%)

Magenta (12%)

Yellow (0%)

Black (23%)



Cyan (29%)


Magenta (32%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 13.369, 302.229 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, 13.369, 302.229 by changing the saturation by 10% instead.


 72, 13.369,
302.229


 72, 13.369,
302.229


 100, 13.369,
302.229


 62, 13.369,
302.229


 92, 13.369,
302.229

 52, 13.369,
302.229

 42, 13.369,
302.229

 32, 13.369,
302.229

 22, 13.369,
302.229

 12, 13.369,
302.229

 2, 13.369, 302.229

0, 13.369, 302.229

72, 13.369,
302.229

72, 13.369,
302.229

66, 24.776,
302.934

78, 2.355, 301.591

84, 8.268, 121.075

60, 36.574,
303.729

90, 18.520,
120.604

53, 48.712,
304.605

97, 28.421,
120.199

47, 61.066,
305.541

98, 29.275,
111.748

42, 73.367,
306.488

99, 29.195,
107.959

36, 85.098,
307.356

■ 32, 95.388,
308.002

■ 28, 103.069,
308.242

■ 27, 107.167,
308.180

Harmonies

Complementary

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



72, 13.369, 302.229



78, 13.055, 120.787

Rectangle

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



72, 13.369, 302.229



72, 13.369, 352.229



72, 13.369, 122.229



72, 13.369, 172.229

Sweetspot

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



72, 13.367, 302.226



97, 5.342, 301.710



76, 7.052, 230.419



51, 3.800, 301.757



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, 13.367, 302.226



89, 20.406, 302.433



73, 14.792, 318.826



39, 6.241, 302.044



21, 93.023, 308.302



2, 21.796, 299.377

Inverse Universe

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



73, 12.854, 334.749



90, 19.556, 334.970



78, 14.690, 137.763



39, 6.019, 334.548



36, 66.579, 344.074



4, 20.713, 340.064

Previews

White Background



This preview shows how the CIELCh color 72, 13.369, 302.229 looks on a white background.

Color Contrast Check

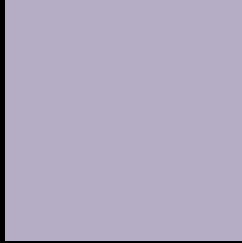
Large Text (above 18pt) WCAG AA × Fail

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, 13.369, 302.229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

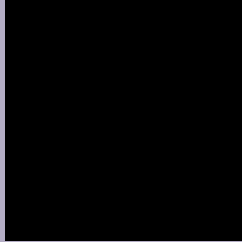
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 13.369, 302.229

Background



This preview shows how black text looks on a background with the CIELCh color 72, 13.369, 302.229.



This preview shows how white text looks on a background with the CIELCh color 72, 13.369, 302.229.

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, 13.369, 302.229

Protanopia

72, 12.541, 288.166

Deuteranopia

72, 14.362, 308.945



Tritanopia
72, 7.255, 302.479

Trichromacy



Original Color
72, 13.369, 302.229

Protanomaly
72, 13.120, 294.549

Deuteranomaly
72, 14.256, 307.554

Tritanomaly
72, 9.474, 302.104

Monochromacy



Original Color
72, 13.369, 302.229

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 5.041, 303.299

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 13.369, 302.229 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(180, 173, 197)` looks like.

```
.text, #text, p{  
    color:rgb(180, 173, 197)  
}
```

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(180, 173, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 173, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 13.369, 302.229 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(180, 173, 197) }
```

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

```
.border{ border-color:rgb(180, 173, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 173, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 173, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 173, 197);  
box-shadow:4px 4px 4px 4px rgb(180, 173,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 13.369, 302.229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 173, 197) }
```

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

```
.background{ background-color: rgb(180,  
173, 197) }
```

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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