

Converting Colors

CIELCh(72, 4.644, 302.051)

Have a look what the booklet for
CIELCh(72, 4.644, 302.051) contains.

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Color

CIELCh(72, 5.047, 303.301)

Conversions

Conversions Part 1

Format	Color
Hex	B2AFB8
RGB	178, 175, 184
RGB Percent	70%, 69%, 72%
CMY	0.3014, 0.3132, 0.2779
CMYK	0.03, 0.05, 0.00, 0.28
HSL	260°, 6%, 70%
HSV	260°, 5%, 72%
XYZ	42.4127, 43.6590, 51.6134
YIQ	176.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

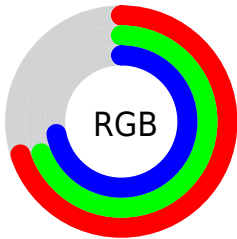
Format	Color
RYB	178, 175, 184
Decimal	11710392
CIELab	72.00, 2.77, -4.22
CIELCh	72, 5.047, 303.301
Yxy	43.6590, 0.3080, 0.3171
Android (android.graphics.Color)	4289900472 (0xFFB2AFB8)
YUV	176.9230, 3.4890, 0.9445
Hunter-Lab	66.0750, -1.0543, -0.0610

Details

The CIELCh color $72, 5.047, 303.301$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $74, 4.986, 122.794$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 5.389, 305.689$, and $52, 4.728, 300.277$ is the 20% darker color. If you saturate the color by 10%, you get $66, 15.619, 303.894$, and if you desaturate by 10%, it is $78, 5.169, 122.794$.

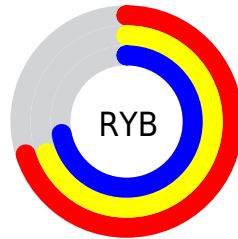
Distribution



Red (70%)

Green (69%)

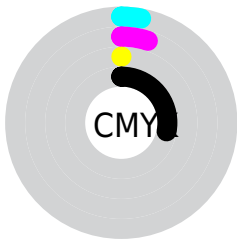
Blue (72%)



Red (70%)

Yellow (69%)

Blue (72%)

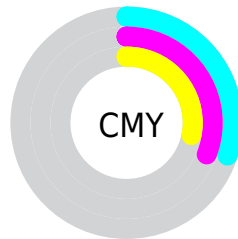


Cyan (3%)

Magenta (5%)

Yellow (0%)

Black (28%)



Cyan (30%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 5.047, 303.301 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, 5.047, 303.301 by changing the saturation by 10% instead.

■ 72, 5.047, 303.301

■ 72, 5.047, 303.301

100, 5.047,
303.301

■ 62, 5.047, 303.301

■ 92, 5.047, 303.301

■ 52, 5.047, 303.301

■ 42, 5.047, 303.301

■ 32, 5.047, 303.301

■ 22, 5.047, 303.301

■ 12, 5.047, 303.301

■ 2, 5.047, 303.301

■ 0, 5.047, 303.301

■ 72, 5.047, 303.301

■ 72, 5.047, 303.301

66, 15.619,
303.894

78, 5.169, 122.794

60, 26.552,
304.564

84, 15.033,
122.332

55, 37.819,
305.306

89, 24.565,
121.936

49, 49.352,
306.108

95, 33.782,
121.595

43, 60.990,
306.941

97, 36.149,
116.832

38, 72.421,
307.749

98, 35.637,
109.431

33, 83.087,
308.436

99, 35.609,
107.464

29, 92.125,
308.859

26, 98.506,

308.852

Harmonies

Complementary

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



72, 5.047, 303.301



74, 4.986, 122.794

Rectangle

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



72, 5.047, 303.301



72, 5.047, 353.301



72, 5.047, 123.301



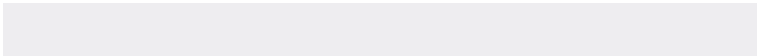
72, 5.047, 173.301

Sweetspot

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



72, 5.045, 303.293



94, 1.279, 303.040



73, 2.715, 234.173



50, 0.727, 303.034



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 5.045, 303.293



90, 7.688, 303.363



72, 5.636, 319.487



37, 4.094, 303.389



20, 89.099, 308.912



1, 15.636, 299.843

Inverse Universe

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



72, 4.712, 335.925



91, 7.174, 336.023



74, 5.609, 139.123



37, 3.819, 336.058



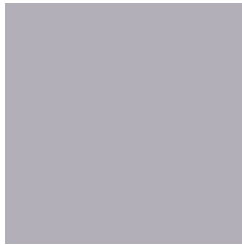
34, 62.694, 347.061



3, 13.686, 341.184

Previews

White Background



This preview shows how the CIELCh color 72, 5.047, 303.301 looks on a white background.

Color Contrast Check

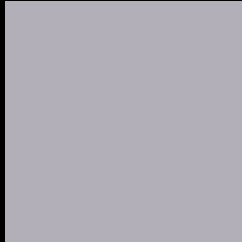
Large Text (above 18pt) WCAG AA × Fail

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 72, 5.047, 303.301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

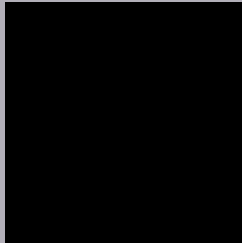
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 5.047, 303.301

Background



This preview shows how black text looks on a background with the CIELCh color 72, 5.047, 303.301.



This preview shows how white text looks on a background with the CIELCh color 72, 5.047, 303.301.

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, 5.047, 303.301

Protanopia

72, 4.975, 299.164

Deuteranopia

72, 10.440, 333.462



Tritanopia
72, 7.878, 304.316

Trichromacy



Original Color
72, 5.047, 303.301

Protanomaly
72, 4.975, 299.164

Deuteranomaly
72, 8.163, 326.945

Tritanomaly
72, 7.349, 305.281

Monochromacy



Original Color
72, 5.047, 303.301

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 2.221, 300.032

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 5.047, 303.301 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, 175, 184)` looks like.

```
.text, #text, p{  
    color:rgb(178, 175, 184)  
}
```

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, 175, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 175, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 5.047, 303.301 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, 175, 184) }
```

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

```
.border{ border-color:rgb(178, 175, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 175, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 175, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 175, 184);  
box-shadow:4px 4px 4px 4px rgb(178, 175,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 5.047, 303.301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 175, 184) }
```

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

```
.background{ background-color: rgb(178,  
175, 184) }
```

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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