

Converting Colors

CIELCh(72, 3.220, 9.353)

Have a look what the booklet for
CIELCh(72, 3.220, 9.353) contains.

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Color

CIELCh(72, 3.071, 9.330)

Conversions

Conversions Part 1

Format	Color
Hex	B7AFB0
RGB	183, 175, 176
RGB Percent	72%, 69%, 69%
CMY	0.2838, 0.3151, 0.3112
CMYK	0.00, 0.04, 0.04, 0.28
HSL	353°, 5%, 70%
HSV	353°, 4%, 72%
XYZ	42.4991, 43.6590, 47.0708
YIQ	177.5060, 4.4470, 2.0070

Conversions

Conversions Part 2

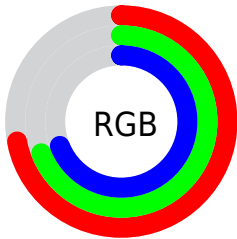
Format	Color
RYB	183, 175, 176
Decimal	12038064
CIELab	72.00, 3.03, 0.50
CIELCh	72, 3.071, 9.330
Yxy	43.6590, 0.3190, 0.3277
Android (android.graphics.Color)	4290228144 (0xFFB7AFB0)
YUV	177.5060, -0.7425, 4.8182
Hunter-Lab	66.0750, -0.8208, 4.0152

Details

The CIELCh color **72, 3.071, 9.330** is a light color, and the websafe version is hex **999999**. A complement of this color would be **74, 3.003, 188.971**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 2.913, 9.202**, and **52, 2.882, 8.017** is the 20% darker color. If you saturate the color by 10%, you get **67, 10.396, 10.403**, and if you desaturate by 10%, it is **77, 3.813, 188.865**.

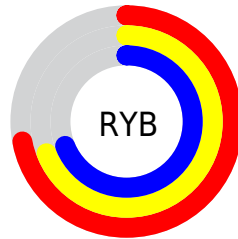
Distribution



Red (72%)

Green (69%)

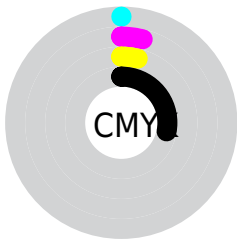
Blue (69%)



Red (72%)

Yellow (69%)

Blue (69%)

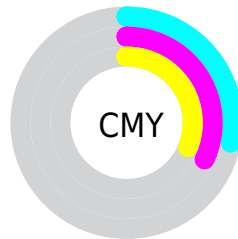


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (28%)



Cyan (28%)

Magenta (32%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 3.071, 9.330 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, 3.071, 9.330 by changing the saturation by 10% instead.

■ 72, 3.071, 9.330

■ 72, 3.071, 9.330

■ 100, 3.071, 9.330

■ 62, 3.071, 9.330

■ 92, 3.071, 9.330

■ 52, 3.071, 9.330

■ 42, 3.071, 9.330

■ 32, 3.071, 9.330

■ 22, 3.071, 9.330

■ 12, 3.071, 9.330

■ 2, 3.071, 9.330

■ 0, 3.071, 9.330

■ 72, 3.071, 9.330

■ 72, 3.071, 9.330

67, 10.396, 10.403

77, 3.813, 188.865

62, 18.158, 11.548

83, 10.270,
188.113

57, 26.305, 12.939

88, 16.332,
187.515

53, 34.727, 14.669

48, 43.233, 16.853

93, 22.036,
186.998

45, 51.559, 19.622

95, 23.239,
197.985

42, 59.414, 23.100

40, 66.550, 27.310

38, 72.781, 32.020

Harmonies

Complementary

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



72, 3.071, 9.330



74, 3.003, 188.971

Rectangle

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



72, 3.071, 9.330



72, 3.071, 59.330



72, 3.071, 189.330



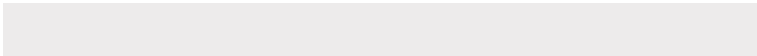
72, 3.071, 239.330

Sweetspot

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



72, 3.069, 9.357



93, 0.861, 8.540



72, 5.087, 320.927



50, 0.493, 8.498



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, 3.069, 9.357



91, 4.345, 9.440



73, 2.471, 59.253



37, 2.403, 9.499



32, 67.015, 33.817



2, 10.750, 11.867

Inverse Universe

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



72, 3.069, 9.357



91, 4.345, 9.440



73, 2.432, 240.416



37, 2.403, 9.499



32, 67.015, 33.817



2, 10.750, 11.867

Previews

White Background



This preview shows how the CIELCh color 72, 3.071, 9.330 looks on a white background.

Color Contrast Check

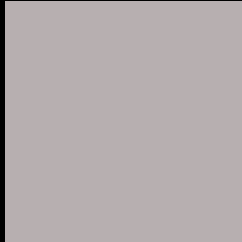
Large Text (above 18pt) WCAG AA × Fail

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, 3.071, 9.330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

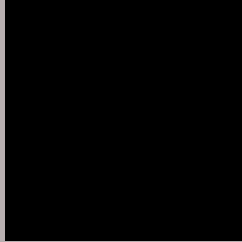
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

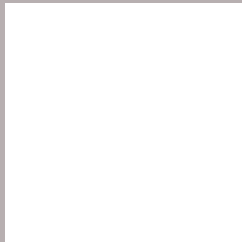
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 3.071, 9.330

Background



This preview shows how black text looks on a background with the CIELCh color 72, 3.071, 9.330.

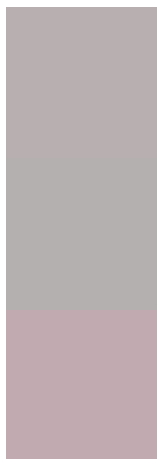


This preview shows how white text looks on a background with the CIELCh color 72, 3.071, 9.330.

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, 3.071, 9.330

Protanopia

72, 1.504, 19.199

Deuteranopia

72, 8.807, 2.228



Tritanopia
72, 8.684, 318.683

Trichromacy



Original Color

72, 3.071, 9.330

Protanomaly

72, 1.881, 19.297

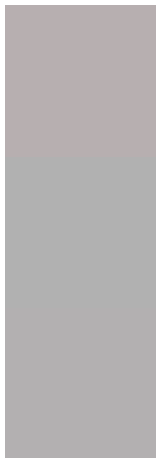
Deuteranomaly

72, 6.814, 1.374

Tritanomaly

72, 6.186, 327.539

Monochromacy



Original Color

72, 3.071, 9.330

Achromatopsia

72, 0.009, 296.813

Achromatomaly

72, 1.259, 353.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 3.071, 9.330 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(183, 175, 176)` looks like.

```
.text, #text, p{  
    color:rgb(183, 175, 176)  
}
```

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(183, 175, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 175, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 3.071, 9.330 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(183, 175, 176) }
```

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

```
.border{ border-color:rgb(183, 175, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 175, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 175, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 175, 176);  
box-shadow:4px 4px 4px 4px rgb(183, 175,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 3.071, 9.330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 175, 176) }
```

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

```
.background{ background-color: rgb(183,  
175, 176) }
```

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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