

Converting Colors

CIELCh(72, 5.933, 346.010)

Have a look what the booklet for
CIELCh(72, 5.933, 346.010) contains.

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Color

CIELCh(72, 5.900, 346.301)

Conversions

Conversions Part 1

Format	Color
Hex	BAADB3
RGB	186, 173, 179
RGB Percent	73%, 68%, 70%
CMY	0.2700, 0.3210, 0.2975
CMYK	0.00, 0.07, 0.04, 0.27
HSL	332°, 9%, 70%
HSV	332°, 7%, 73%
XYZ	43.4065, 43.6590, 48.8627
YIQ	177.5710, 5.8220, 4.6220

Conversions

Conversions Part 2

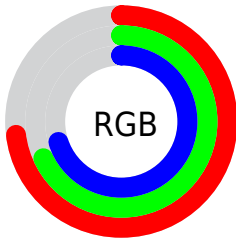
Format	Color
R _Y B	186, 173, 179
Decimal	12234163
CIE Lab	72.00, 5.73, -1.40
CIE LCh	72, 5.900, 346.301
Yxy	43.6590, 0.3193, 0.3212
Android (android.graphics.Color)	4290424243 (0xFFBAADB3)
YUV	177.5710, 0.7045, 7.3922
Hunter-Lab	66.0750, 1.6303, 2.4073

Details

The CIELCh color **72, 5.900, 346.301** is a light color, and the websafe version is hex **999999**. A complement of this color would be **74, 5.829, 165.263**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 6.197, 344.055**, and **52, 5.642, 349.121** is the 20% darker color. If you saturate the color by 10%, you get **67, 14.525, 347.274**, and if you desaturate by 10%, it is **77, 2.500, 165.703**.

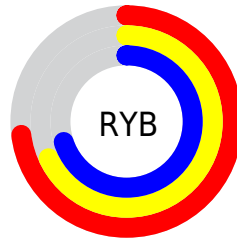
Distribution



Red (73%)

Green (68%)

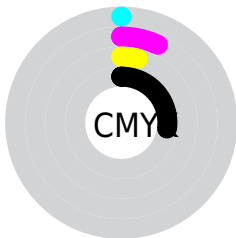
Blue (70%)



Red (73%)

Yellow (68%)

Blue (70%)

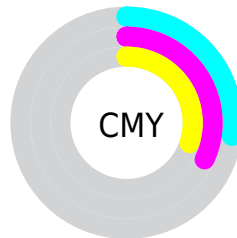


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (27%)



Cyan (27%)

Magenta (32%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 5.900, 346.301 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, 5.900, 346.301 by changing the saturation by 10% instead.

■ 72, 5.900, 346.301

■ 72, 5.900, 346.301

■ 100, 5.900,
346.301

■ 62, 5.900, 346.301

■ 92, 5.900, 346.301

■ 52, 5.900, 346.301

■ 42, 5.900, 346.301

■ 32, 5.900, 346.301

■ 22, 5.900, 346.301

■ 12, 5.900, 346.301

■ 2, 5.900, 346.301

■ 0, 5.900, 346.301

■ 72, 5.900, 346.301

■ 72, 5.900, 346.301

67, 14.525,
347.274

77, 2.500, 165.703

62, 23.288,
348.326

82, 10.621,
164.825

57, 32.029,
349.523

88, 18.449,
164.118

53, 40.504,
350.918

93, 25.984,
163.476

49, 48.372,
352.584

95, 27.037,
168.419

46, 55.212,
354.626

95, 24.467,
178.561

43, 60.593,
357.180

96, 22.744,
190.592

41, 64.215, 0.413

96, 22.227,
198.048

40, 66.147, 4.450

Harmonies

Complementary

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



72, 5.900, 346.301



74, 5.829, 165.263

Rectangle

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



72, 5.900, 346.301



72, 5.900, 36.301



72, 5.900, 166.301



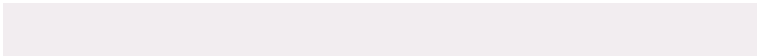
72, 5.900, 216.301

Sweetspot

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



72, 5.898, 346.308



94, 2.082, 345.720



72, 7.570, 310.506



51, 1.193, 345.699



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



72, 5.898, 346.308



91, 8.382, 346.419



72, 4.784, 22.520



36, 4.746, 346.533



33, 58.387, 5.023



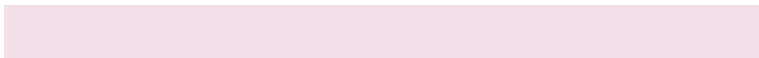
2, 11.958, 352.991

Inverse Universe

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



72, 5.898, 346.308



91, 8.382, 346.419



74, 4.579, 202.090



36, 4.746, 346.533



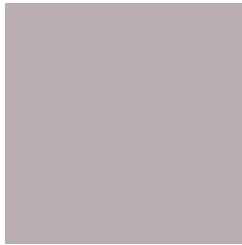
33, 58.387, 5.023



2, 11.958, 352.991

Previews

White Background



This preview shows how the CIELCh color 72, 5.900, 346.301 looks on a white background.

Color Contrast Check

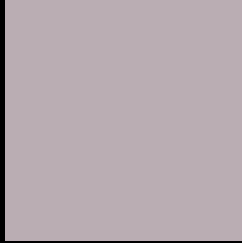
Large Text (above 18pt) WCAG AA × Fail

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, 5.900, 346.301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

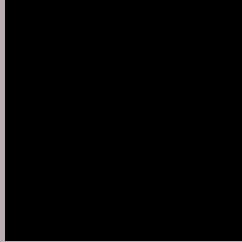
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 5.900, 346.301

Background



This preview shows how black text looks on a background with the CIELCh color 72, 5.900, 346.301.



This preview shows how white text looks on a background with the CIELCh color 72, 5.900, 346.301.

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, 5.900, 346.301

Protanopia

72, 2.837, 305.607

Deuteranopia

72, 9.328, 348.618



Tritanopia
72, 9.482, 326.706

Trichromacy



Original Color
72, 5.900, 346.301

Protanomaly
72, 3.549, 329.510

Deuteranomaly
72, 8.075, 347.533

Tritanomaly
72, 8.636, 330.987

Monochromacy



Original Color
72, 5.900, 346.301

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 2.181, 349.467

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 5.900, 346.301 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(186, 173, 179)` looks like.

```
.text, #text, p{  
    color:rgb(186, 173, 179)  
}
```

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(186, 173, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 173, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 5.900, 346.301 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(186, 173, 179) }
```

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

```
.border{ border-color:rgb(186, 173, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 173, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 173, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 173, 179);  
box-shadow:4px 4px 4px 4px rgb(186, 173,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 5.900, 346.301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 173, 179) }
```

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

```
.background{ background-color: rgb(186,  
173, 179) }
```

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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