

Converting Colors

CIELCh(72, 13.173, 291.229)

Have a look what the booklet for
CIELCh(72, 13.173, 291.229)
contains.

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Color

CIELCh(72, 13.076, 289.900)

Conversions

Conversions Part 1

Format	Color
Hex	AEAFC7
RGB	174, 175, 199
RGB Percent	68%, 69%, 78%
CMY	0.3185, 0.3146, 0.2205
CMYK	0.13, 0.12, 0.00, 0.22
HSL	238°, 18%, 73%
HSV	238°, 13%, 78%
XYZ	42.9746, 43.6590, 60.0558
YIQ	177.4370, -8.3000, 7.2520

Conversions

Conversions Part 2

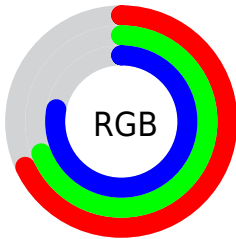
Format	Color
RYB	174, 175, 199
Decimal	11448263
CIELab	72.00, 4.45, -12.30
CIELCh	72, 13.076, 289.900
Yxy	43.6590, 0.2930, 0.2976
Android (android.graphics.Color)	4289638343 (0xFFFAEAF7)
YUV	177.4370, 10.6306, -3.0142
Hunter-Lab	66.0750, 0.4635, -7.6365

Details

The CIELCh color $72, 13.076, 289.900$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $79, 12.734, 107.282$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 12.947, 291.207$, and $52, 12.787, 288.461$ is the 20% darker color. If you saturate the color by 10%, you get $65, 23.934, 291.192$, and if you desaturate by 10%, it is $78, 2.634, 288.817$.

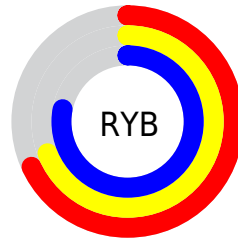
Distribution



Red (68%)

Green (69%)

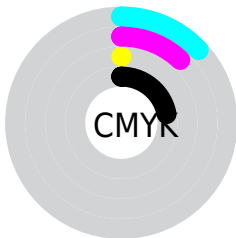
Blue (78%)



Red (68%)

Yellow (69%)

Blue (78%)

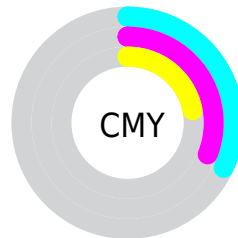


Cyan (13%)

Magenta (12%)

Yellow (0%)

Black (22%)



Cyan (32%)

Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 13.076, 289.900 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, 13.076, 289.900 by changing the saturation by 10% instead.

■ 72, 13.076,
289.900

■ 72, 13.076,
289.900

■ 100, 13.076,
289.900

■ 62, 13.076,
289.900

■ 92, 13.076,
289.900

■ 52, 13.076,
289.900

■ 42, 13.076,
289.900

■ 32, 13.076,
289.900

■ 22, 13.076,
289.900

■ 12, 13.076,
289.900

■ 2, 13.076, 289.900

0, 13.076, 289.900

72, 13.076,
289.900

72, 13.076,
289.900

65, 23.934,
291.192

78, 2.634, 288.817

85, 7.420, 107.837

59, 35.245,
292.716

91, 17.117,
107.041

52, 47.034,
294.493

98, 26.481,
106.355

46, 59.287,
296.528

99, 28.347,
108.024

40, 71.877,
298.782

34, 84.405,
301.130

■ 30, 95.949,
303.334

■ 26, 104.966,
305.067

■ 25, 109.166,
305.847

Harmonies

Complementary

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



72, 13.076, 289.900



79, 12.734, 107.282

Rectangle

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



72, 13.076, 289.900



72, 13.076, 339.900



72, 13.076, 109.900



72, 13.076, 159.900

Sweetspot

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



72, 13.074, 289.896



97, 5.016, 288.959



78, 8.931, 194.475



51, 3.569, 289.036



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, 13.074, 289.896



88, 19.188, 290.218



73, 14.252, 307.897



38, 5.864, 289.526



19, 93.898, 305.727



1, 20.899, 290.724

Inverse Universe

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



73, 9.598, 16.957



90, 14.151, 17.201



79, 13.982, 126.726



39, 4.280, 16.673



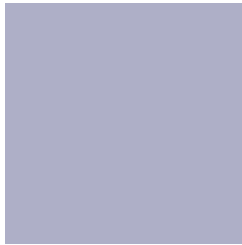
34, 73.043, 38.137



3, 15.903, 17.323

Previews

White Background



This preview shows how the CIELCh color 72, 13.076, 289.900 looks on a white background.

Color Contrast Check

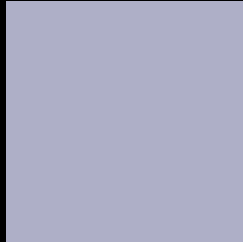
Large Text (above 18pt) WCAG AA × Fail

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, 13.076, 289.900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

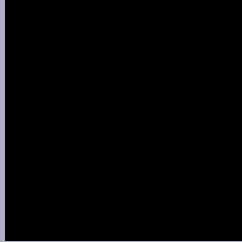
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 13.076, 289.900

Background



This preview shows how black text looks on a background with the CIELCh color 72, 13.076, 289.900.

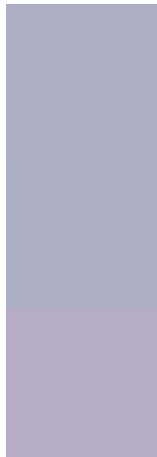


This preview shows how white text looks on a background with the CIELCh color 72, 13.076, 289.900.

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

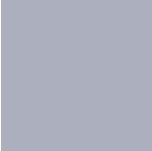
72, 13.076, 289.900

Protanopia

72, 13.084, 288.360

Deuteranopia

72, 15.303, 306.457



Tritanopia
72, 7.735, 280.198

Trichromacy



Original Color
72, 13.076, 289.900

Protanomaly
72, 13.084, 288.360

Deuteranomaly
72, 14.439, 301.475

Tritanomaly
72, 9.301, 284.454

Monochromacy



Original Color
72, 13.076, 289.900

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.905, 290.667

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 13.076, 289.900 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(174, 175, 199)` looks like.

```
.text, #text, p{  
    color:rgb(174, 175, 199)  
}
```

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(174, 175, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 175, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 13.076, 289.900 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(174, 175, 199) }
```

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

```
.border{ border-color:rgb(174, 175, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 175, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 175, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 175, 199);  
box-shadow:4px 4px 4px 4px rgb(174, 175,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 13.076, 289.900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 175, 199) }
```

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

```
.background{ background-color: rgb(174,  
175, 199) }
```

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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