

Converting Colors

CIELCh(72, 17.834, 291.528)

Have a look what the booklet for
CIELCh(72, 17.834, 291.528)
contains.

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Color

CIELCh(72, 17.989, 291.913)

Conversions

Conversions Part 1

Format	Color
Hex	AEAECF
RGB	174, 174, 207
RGB Percent	68%, 68%, 81%
CMY	0.3185, 0.3185, 0.1891
CMYK	0.16, 0.16, 0.00, 0.19
HSL	240°, 25%, 75%
HSV	240°, 16%, 81%
XYZ	43.7392, 43.6590, 65.0130
YIQ	177.7620, -10.5930, 10.2630

Conversions

Conversions Part 2

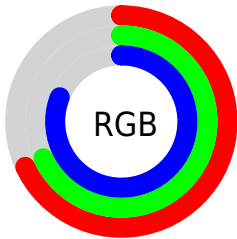
Format	Color
RYB	174, 174, 207
Decimal	11448015
CIELab	72.00, 6.71, -16.69
CIELCh	72, 17.989, 291.913
Yxy	43.6590, 0.2870, 0.2865
Android (android.graphics.Color)	4289638095 (0xFFFAEAECF)
YUV	177.7620, 14.4143, -3.2993
Hunter-Lab	66.0750, 2.5292, -12.0846

Details

The CIELCh color $72, 17.989, 291.913$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $82, 17.345, 108.636$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 13.485, 292.694$, and $52, 18.013, 291.268$ is the 20% darker color. If you saturate the color by 10%, you get $65, 29.875, 293.253$, and if you desaturate by 10%, it is $79, 6.585, 290.778$.

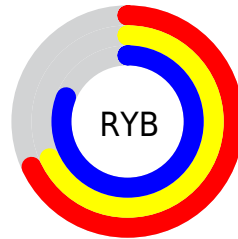
Distribution



Red (68%)

Green (68%)

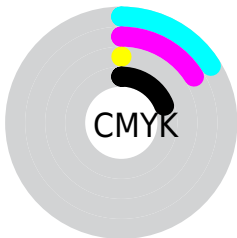
Blue (81%)



Red (68%)

Yellow (68%)

Blue (81%)

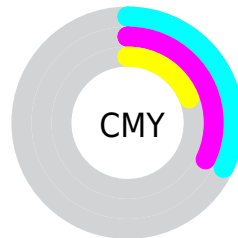


Cyan (16%)

Magenta (16%)

Yellow (0%)

Black (19%)



Cyan (32%)

Magenta (32%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 17.989, 291.913 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, 17.989, 291.913 by changing the saturation by 10% instead.

■ 72, 17.989,
291.913

■ 72, 17.989,
291.913

■ 100, 17.989,
291.913

■ 62, 17.989,
291.913

■ 92, 17.989,
291.913

■ 52, 17.989,
291.913

■ 42, 17.989,
291.913

■ 32, 17.989,
291.913

■ 22, 17.989,
291.913

■ 12, 17.989,
291.913

■ 2, 17.989, 291.913

0, 17.989, 291.913

72, 17.989,
291.913

72, 17.989,
291.913

65, 29.875,
293.253

79, 6.585, 290.778

86, 4.369, 109.787

58, 42.279,
294.829

93, 14.909,
108.978

51, 55.205,
296.654

99, 24.342,
108.332

45, 68.572,
298.712

38, 82.074,
300.916

33, 94.931,
303.072

■ 28, 105.638,
304.867

■ 26, 112.328,
305.972

■ 25, 114.253,
306.286

Harmonies

Complementary

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



72, 17.989, 291.913



82, 17.345, 108.636

Rectangle

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



72, 17.989, 291.913



72, 17.989, 341.913



72, 17.989, 111.913



72, 17.989, 161.913

Sweetspot

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



72, 17.987, 291.911



96, 6.544, 290.687



81, 11.531, 197.143



51, 4.470, 290.759



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, 17.987, 291.911



84, 25.562, 292.326



73, 18.883, 309.226



40, 6.372, 291.147



19, 98.023, 306.286



1, 25.554, 293.213

Inverse Universe

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



74, 12.752, 20.455



87, 18.234, 20.749



81, 18.462, 127.763



41, 4.460, 19.919



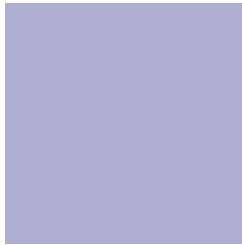
35, 76.451, 39.860



4, 20.018, 19.462

Previews

White Background



This preview shows how the CIELCh color 72, 17.989, 291.913 looks on a white background.

Color Contrast Check

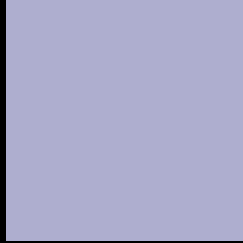
Large Text (above 18pt) WCAG AA × Fail

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, 17.989, 291.913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

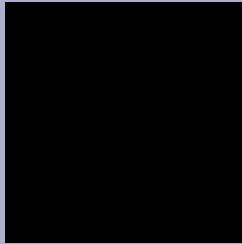
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 17.989, 291.913

Background



This preview shows how black text looks on a background with the CIELCh color 72, 17.989, 291.913.



This preview shows how white text looks on a background with the CIELCh color 72, 17.989, 291.913.

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

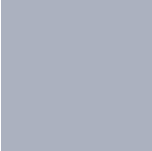
72, 17.989, 291.913

Protanopia

72, 18.020, 286.450

Deuteranopia

72, 19.299, 299.265



Tritanopia
72, 7.877, 275.067

Trichromacy



Original Color
72, 17.989, 291.913

Protanomaly
72, 17.998, 287.532

Deuteranomaly
72, 18.623, 296.240

Tritanomaly
72, 11.495, 284.216

Monochromacy



Original Color
72, 17.989, 291.913

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 6.537, 290.822

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 17.989, 291.913 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, 174, 207)` looks like.

```
.text, #text, p{  
    color:rgb(174, 174, 207)  
}
```

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, 174, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 174, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 17.989, 291.913 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, 174, 207) }
```

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

```
.border{ border-color:rgb(174, 174, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 174, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 174, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 174, 207);  
box-shadow:4px 4px 4px 4px rgb(174, 174,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 17.989, 291.913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 174, 207) }
```

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

```
.background{ background-color: rgb(174,  
174, 207) }
```

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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