

Converting Colors

CIELCh(72, 12.853, 284.184)

Have a look what the booklet for
CIELCh(72, 12.853, 284.184)
contains.

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Color

CIELCh(72, 12.611, 283.379)

Conversions

Conversions Part 1

Format	Color
Hex	ABB0C7
RGB	171, 176, 199
RGB Percent	67%, 69%, 78%
CMY	0.3306, 0.3110, 0.2209
CMYK	0.14, 0.12, 0.00, 0.22
HSL	229°, 20%, 72%
HSV	229°, 14%, 78%
XYZ	42.4617, 43.6590, 60.0268
YIQ	177.1270, -10.3630, 6.0930

Conversions

Conversions Part 2

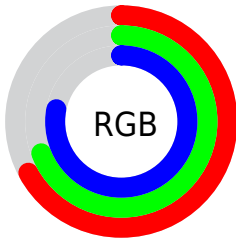
Format	Color
RYB	171, 175, 199
Decimal	11251911
CIELab	72.00, 2.92, -12.27
CIELCh	72, 12.611, 283.379
Yxy	43.6590, 0.2905, 0.2987
Android (android.graphics.Color)	4289441991 (0xFFABB0C7)
YUV	177.1270, 10.7834, -5.3734
Hunter-Lab	66.0750, -0.9219, -7.6104

Details

The CIELCh color $72, 12.611, 283.379$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $78, 12.386, 100.072$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 12.029, 281.404$, and $52, 12.284, 283.077$ is the 20% darker color. If you saturate the color by 10%, you get $66, 21.894, 284.832$, and if you desaturate by 10%, it is $78, 3.611, 282.152$.

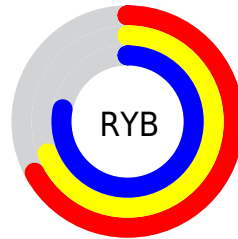
Distribution



Red (67%)

Green (69%)

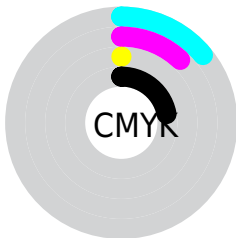
Blue (78%)



Red (67%)

Yellow (69%)

Blue (78%)

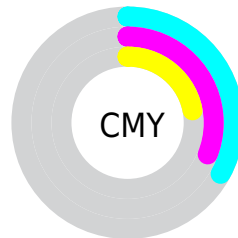


Cyan (14%)

Magenta (12%)

Yellow (0%)

Black (22%)



Cyan (33%)


Magenta (31%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 12.611, 283.379 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, 12.611, 283.379 by changing the saturation by 10% instead.


 72, 12.611,
283.379


 72, 12.611,
283.379


 100, 12.611,
283.379


 62, 12.611,
283.379


 92, 12.611,
283.379

 52, 12.611,
283.379

 42, 12.611,
283.379

 32, 12.611,
283.379

 22, 12.611,
283.379

 12, 12.611,
283.379

 2, 12.611, 283.379

0, 12.611, 283.379

72, 12.611,
283.379

72, 12.611,
283.379

66, 21.894,
284.832

78, 3.611, 282.152

84, 5.121, 101.008

60, 31.489,
286.540

89, 13.604,
100.098

55, 41.425,
288.532

95, 21.852, 99.297

49, 51.727,
290.829

99, 28.393,
108.021

43, 62.391,
293.422

38, 73.317,
296.245

■ 34, 84.187,
299.141

■ 30, 94.308,
301.863

■ 28, 99.549,
303.219

Harmonies

Complementary

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



72, 12.611, 283.379



78, 12.386, 100.072

Rectangle

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



72, 12.611, 283.379



72, 12.611, 333.379



72, 12.611, 103.379



72, 12.611, 153.379

Sweetspot

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



72, 12.610, 283.374



97, 4.326, 282.148



78, 10.430, 183.339



51, 3.076, 282.231



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, 12.610, 283.374



88, 18.720, 283.810



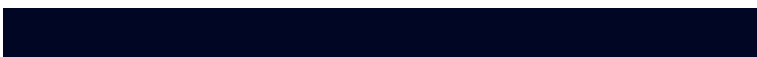
71, 15.671, 303.258



39, 5.045, 282.767



22, 85.032, 302.873



2, 18.846, 286.694

Inverse Universe

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



72, 11.043, 6.188



89, 16.455, 6.544



79, 15.262, 121.647



39, 4.392, 5.681



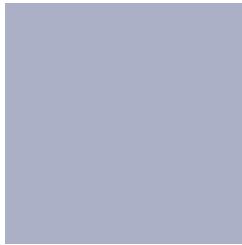
34, 67.154, 30.465



3, 16.126, 10.226

Previews

White Background



This preview shows how the CIELCh color 72, 12.611, 283.379 looks on a white background.

Color Contrast Check

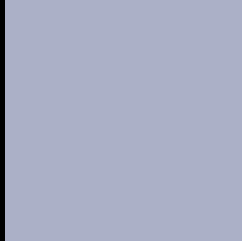
Large Text (above 18pt) WCAG AA × Fail

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, 12.611, 283.379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

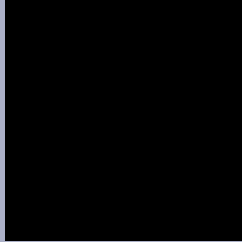
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

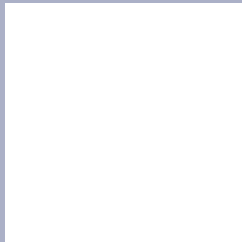
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 12.611, 283.379

Background



This preview shows how black text looks on a background with the CIELCh color 72, 12.611, 283.379.



This preview shows how white text looks on a background with the CIELCh color 72, 12.611, 283.379.

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

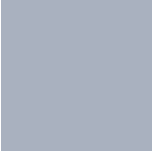
72, 12.611, 283.379

Protanopia

72, 12.541, 288.166

Deuteranopia

72, 15.303, 306.457



Tritanopia
72, 8.085, 270.193

Trichromacy



Original Color
72, 12.611, 283.379

Protanomaly
72, 12.559, 286.562

Deuteranomaly
72, 14.379, 300.072

Tritanomaly
72, 9.531, 275.938

Monochromacy



Original Color
72, 12.611, 283.379

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.406, 281.056

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 12.611, 283.379 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(171, 176, 199)` looks like.

```
.text, #text, p{  
    color:rgb(171, 176, 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(171, 176, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 176, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 12.611, 283.379 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(171, 176, 199) }
```

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

```
.border{ border-color:rgb(171, 176, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 176, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 176, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 176, 199);  
box-shadow:4px 4px 4px 4px rgb(171, 176,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 12.611, 283.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 176, 199) }
```

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

```
.background{ background-color: rgb(171,  
176, 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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