

Converting Colors

CIELCh(72, 41.617, 292.978)

Have a look what the booklet for
CIELCh(72, 41.617, 292.978)
contains.

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Color

CIELCh(72, 41.407, 292.793)

Conversions

Conversions Part 1

Format	Color
Hex	A7AAF6
RGB	167, 170, 246
RGB Percent	65%, 67%, 96%
CMY	0.3448, 0.3330, 0.0350
CMYK	0.32, 0.31, 0.00, 0.03
HSL	238°, 82%, 81%
HSV	238°, 32%, 97%
XYZ	46.9871, 43.6590, 93.2028
YIQ	177.7670, -26.1840, 23.0000

Conversions

Conversions Part 2

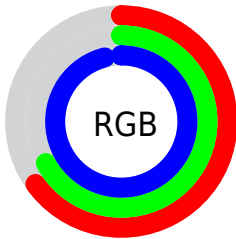
Format	Color
R _Y B	167, 170, 246
Decimal	10988278
CIE Lab	72.00, 16.04, -38.17
CIE LCh	72, 41.407, 292.793
Yxy	43.6590, 0.2556, 0.2375
Android (android.graphics.Color)	4289178358 (0xFFA7AAF6)
YUV	177.7670, 33.6389, -9.4427
Hunter-Lab	66.0750, 11.3034, -37.3797

Details

The CIELCh color **72, 41.407, 292.793** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **95, 38.462, 105.383**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 15.595, 290.194**, and **52, 41.212, 292.581** is the 20% darker color. If you saturate the color by 10%, you get **64, 55.462, 294.590**, and if you desaturate by 10%, it is **80, 27.926, 291.254**.

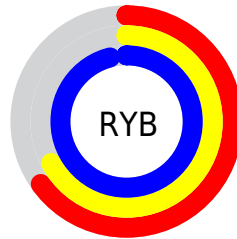
Distribution



Red (65%)

Green (67%)

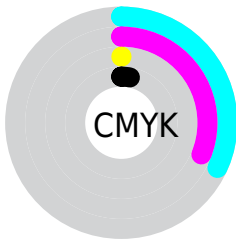
Blue (96%)



Red (65%)

Yellow (67%)

Blue (96%)

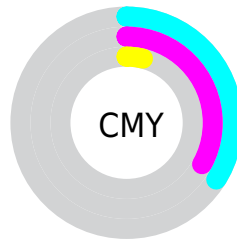


Cyan (32%)

Magenta (31%)

Yellow (0%)

Black (3%)



Cyan (34%)


Magenta (33%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 41.407, 292.793 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, 41.407, 292.793 by changing the saturation by 10% instead.


 72, 41.407,
292.793


 72, 41.407,
292.793


 100, 41.407,
292.793


 62, 41.407,
292.793


 92, 41.407,
292.793

 52, 41.407,
292.793

 42, 41.407,
292.793

 32, 41.407,
292.793

 22, 41.407,
292.793

 12, 41.407,
292.793

 2, 41.407, 292.793

■ 0, 41.407, 292.793

■ 72, 41.407,
292.793

■ 72, 41.407,
292.793

■ 64, 55.462,
294.590

■ 80, 27.926,
291.254

■ 57, 70.078,
296.652

■ 88, 14.993,
289.950

■ 49, 85.090,
298.934

■ 95, 2.566, 288.871

■ 43, 99.987,
301.304

■ 100, 4.512,
109.824

■ 37, 113.599,
303.507

■ 33, 123.996,
305.200

■ 31,128.749,
305.968

Harmonies

Complementary

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



72, 41.407, 292.793



95, 38.462, 105.383

Rectangle

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



72, 41.407, 292.793



72, 41.407, 342.793



72, 41.407, 112.793



72, 41.407, 162.793

Sweetspot

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



72, 41.406, 292.793



92, 12.699, 289.704



92, 25.522, 193.157



48, 8.687, 289.869



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, 41.406, 292.793



69, 52.539, 294.017



74, 44.501, 309.009



47, 6.975, 289.643



23, 103.912, 305.835



3, 38.850, 299.147

Inverse Universe

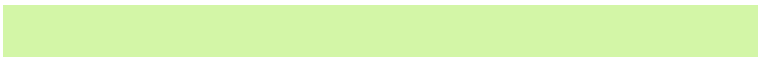
The Inverse Universe completely reimagines the original color for something new.



76, 31.277, 19.334



74, 39.995, 20.398



93, 42.289, 125.740



48, 5.081, 16.869



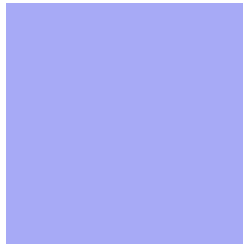
39, 80.893, 38.496



8, 30.785, 23.490

Previews

White Background



This preview shows how the CIELCh color 72, 41.407, 292.793 looks on a white background.

Color Contrast Check

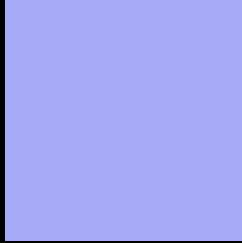
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 72, 41.407, 292.793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

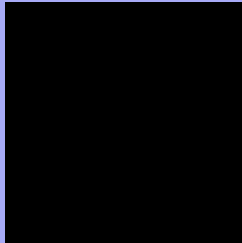
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 41.407, 292.793

Background



This preview shows how black text looks on a background with the CIELCh color 72, 41.407, 292.793.



This preview shows how white text looks on a background with the CIELCh color 72, 41.407, 292.793.

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, 41.407, 292.793

Protanopia

72, 41.044, 285.267

Deuteranopia

72, 38.925, 284.492



Tritanopia
72, 11.144, 242.283

Trichromacy



Original Color
72, 41.407, 292.793

Protanomaly
72, 40.909, 287.679

Deuteranomaly
72, 39.307, 287.224

Tritanomaly
72, 20.692, 277.182

Monochromacy



Original Color
72, 41.407, 292.793

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 15.251, 290.339

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 41.407, 292.793 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(167, 170, 246)` looks like.

```
.text, #text, p{  
    color:rgb(167, 170, 246)  
}
```

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(167, 170, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 170, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 41.407, 292.793 is called "border". The border property can be set on classes, ids or directly on the HTML element.

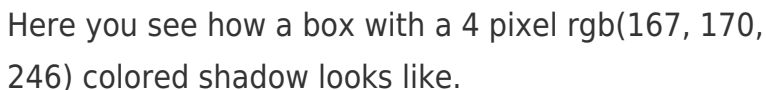
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 170, 246) }
```

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

```
.border{ border-color:rgb(167, 170, 246) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 170, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 170, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 170, 246); box-shadow:4px 4px 4px 4px rgb(167, 170, 246) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 41.407, 292.793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 170, 246) }
```

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

```
.background{ background-color: rgb(167,  
170, 246) }
```

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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