

Converting Colors

CIELCh(72, 36.782, 291.711)

Have a look what the booklet for
CIELCh(72, 36.782, 291.711)
contains.

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Color

CIELCh(72, 37.056, 291.743)

Conversions

Conversions Part 1

Format	Color
Hex	A7ABEF
RGB	167, 171, 239
RGB Percent	65%, 67%, 94%
CMY	0.3445, 0.3288, 0.0621
CMYK	0.30, 0.28, 0.00, 0.06
HSL	237°, 69%, 80%
HSV	237°, 30%, 94%
XYZ	46.1669, 43.6590, 87.7841
YIQ	177.5560, -24.2120, 20.3000

Conversions

Conversions Part 2

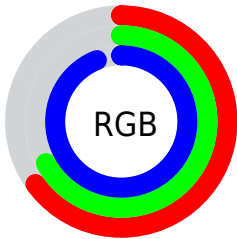
Format	Color
RYB	167, 171, 239
Decimal	10988527
CIELab	72.00, 13.73, -34.42
CIELCh	72, 37.056, 291.743
Yxy	43.6590, 0.2599, 0.2458
Android (android.graphics.Color)	4289178607 (0xFFA7ABEF)
YUV	177.5560, 30.2919, -9.2576
Hunter-Lab	66.0750, 9.0875, -32.5174

Details

The CIELCh color `72, 37.056, 291.743` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `92, 34.711, 104.778`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 15.082, 287.547`, and `52, 37.162, 291.766` is the 20% darker color. If you saturate the color by 10%, you get `65, 50.394, 293.502`, and if you desaturate by 10%, it is `79, 24.256, 290.241`.

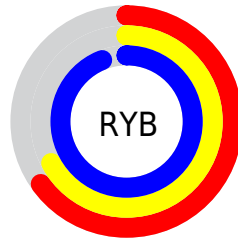
Distribution



Red (65%)

Green (67%)

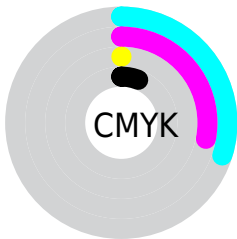
Blue (94%)



Red (65%)

Yellow (67%)

Blue (94%)

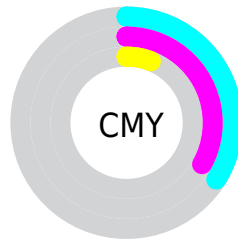


Cyan (30%)

Magenta (28%)

Yellow (0%)

Black (6%)



Cyan (34%)


Magenta (33%)


Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 37.056, 291.743 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, 37.056, 291.743 by changing the saturation by 10% instead.


 72, 37.056,
291.743


 72, 37.056,
291.743


 100, 37.056,
291.743


 62, 37.056,
291.743


 92, 37.056,
291.743

 52, 37.056,
291.743

 42, 37.056,
291.743

 32, 37.056,
291.743

 22, 37.056,
291.743

 12, 37.056,
291.743

 2, 37.056, 291.743

■ 0, 37.056, 291.743

■ 72, 37.056,
291.743

■ 72, 37.056,
291.743

■ 65, 50.394,
293.502

■ 79, 24.256,
290.241

■ 57, 64.279,
295.532

■ 87, 11.962,
288.967

■ 50, 78.619,
297.808

■ 94, 0.134, 288.612

■ 43, 93.070,
300.230

■ 100, 8.014,
109.568

■ 38, 106.769,
302.586

■ 33, 118.117,
304.557

■ 31,125.209,
305.793

Harmonies

Complementary

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



72, 37.056, 291.743



92, 34.711, 104.778

Rectangle

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



72, 37.056, 291.743



72, 37.056, 341.743



72, 37.056, 111.743



72, 37.056, 161.743

Sweetspot

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



72, 37.055, 291.743



93, 11.199, 288.843



90, 23.698, 191.778



48, 7.803, 289.012



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, 37.055, 291.743



72, 47.254, 292.769



74, 40.579, 308.332



46, 6.730, 288.894



23, 102.044, 305.617



3, 36.349, 297.775

Inverse Universe

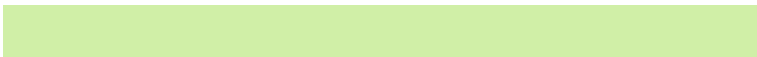
The Inverse Universe completely reimagines the original color for something new.



75, 28.417, 17.711



76, 36.482, 18.590



91, 38.638, 125.223



47, 4.999, 15.451



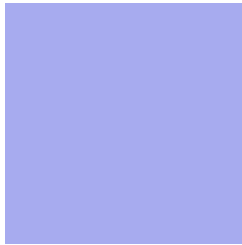
38, 79.360, 37.807



8, 29.549, 21.574

Previews

White Background



This preview shows how the CIELCh color 72, 37.056, 291.743 looks on a white background.

Color Contrast Check

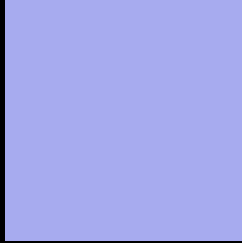
Large Text (above 18pt) WCAG AA × Fail

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, 37.056, 291.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

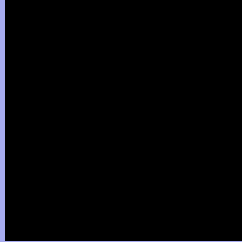
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 37.056, 291.743

Background



This preview shows how black text looks on a background with the CIELCh color 72, 37.056, 291.743.



This preview shows how white text looks on a background with the CIELCh color 72, 37.056, 291.743.

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, 37.056, 291.743

Protanopia

72, 36.695, 284.997

Deuteranopia

72, 35.562, 285.539



Tritanopia
72, 10.666, 244.774

Trichromacy



Original Color
72, 37.056, 291.743

Protanomaly
72, 36.581, 287.328

Deuteranomaly
72, 36.020, 287.645

Tritanomaly
72, 18.600, 275.067

Monochromacy



Original Color
72, 37.056, 291.743

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 13.070, 288.352

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 37.056, 291.743 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, 171, 239)` looks like.

```
.text, #text, p{  
    color:rgb(167, 171, 239)  
}
```

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, 171, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 171, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 37.056, 291.743 is called "border". The border property can be set on classes, ids or directly on the HTML element.

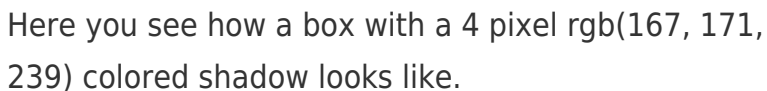
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 171, 239) }
```

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

```
.border{ border-color:rgb(167, 171, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 171, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 171, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 171, 239); box-shadow:4px 4px 4px 4px rgb(167, 171, 239) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 37.056, 291.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 171, 239) }
```

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

```
.background{ background-color: rgb(167,  
171, 239) }
```

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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