

Converting Colors

CIELCh(72, 36.305, 292.379)

Have a look what the booklet for
CIELCh(72, 36.305, 292.379)
contains.

CIELCh(72, 36.509, 292.636)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 36.509, 292.636)

Conversions

Conversions Part 1

Format	Color
Hex	A9ABEE
RGB	169, 171, 238
RGB Percent	66%, 67%, 93%
CMY	0.3378, 0.3299, 0.0672
CMYK	0.29, 0.28, 0.00, 0.07
HSL	238°, 67%, 80%
HSV	238°, 29%, 93%
XYZ	46.2812, 43.6590, 86.7652
YIQ	178.0400, -22.6990, 20.4130

Conversions

Conversions Part 2

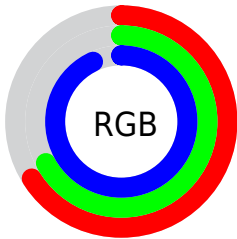
Format	Color
R_{YB}	169, 171, 238
Decimal	11119598
CIE _{Lab}	72.00, 14.05, -33.70
CIE _{LCh}	72, 36.509, 292.636
Yxy	43.6590, 0.2619, 0.2471
Android (android.graphics.Color)	4289309678 (0xFFA9ABEE)
YUV	178.0400, 29.5603, -7.9281
Hunter-Lab	66.0750, 9.3964, -31.6031

Details

The CIELCh color $72, 36.509, 292.636$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $92, 34.158, 106.102$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 15.063, 290.103$, and $52, 36.572, 292.606$ is the 20% darker color. If you saturate the color by 10%, you get $64, 50.144, 294.337$, and if you desaturate by 10%, it is $80, 23.434, 291.184$.

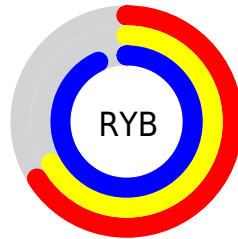
Distribution



Red (66%)

Green (67%)

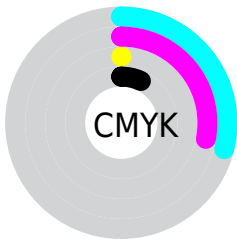
Blue (93%)



Red (66%)

Yellow (67%)

Blue (93%)

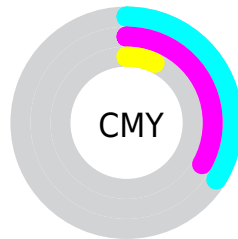


Cyan (29%)

Magenta (28%)

Yellow (0%)

Black (7%)



Cyan (34%)


Magenta (33%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 36.509, 292.636 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, 36.509, 292.636 by changing the saturation by 10% instead.


 72, 36.509,
292.636


 72, 36.509,
292.636


 100, 36.509,
292.636


 62, 36.509,
292.636


 92, 36.509,
292.636

 52, 36.509,
292.636

 42, 36.509,
292.636

 32, 36.509,
292.636

 22, 36.509,
292.636

 12, 36.509,
292.636

 2, 36.509, 292.636

■ 0, 36.509, 292.636

■ 72, 36.509,
292.636

■ 72, 36.509,
292.636

■ 64, 50.144,
294.337

■ 80, 23.434,
291.184

■ 57, 64.342,
296.301

■ 87, 10.889,
289.956

■ 50, 78.994,
298.500

■ 95, 1.167, 108.829

■ 43, 93.710,
300.830

■ 100, 8.678,
109.519

■ 37, 107.533,
303.071

■ 33, 118.724,
304.893

■ 30,125.347,
305.970

■ 30,125.774,
306.032

Harmonies

Complementary

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



72, 36.509, 292.636



92, 34.158, 106.102

Rectangle

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



72, 36.509, 292.636



72, 36.509, 342.636



72, 36.509, 112.636



72, 36.509, 162.636

Sweetspot

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



72, 36.508, 292.636



93, 11.515, 289.959



90, 22.580, 194.881



48, 8.024, 290.126



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, 36.508, 292.636



72, 47.216, 293.647



74, 39.049, 309.377



46, 6.920, 290.009



22, 103.224, 305.935



3, 37.044, 298.249

Inverse Universe

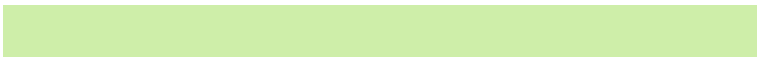
The Inverse Universe completely reimagines the original color for something new.



76, 27.222, 19.595



77, 35.492, 20.437



90, 37.371, 126.510



47, 4.992, 17.588



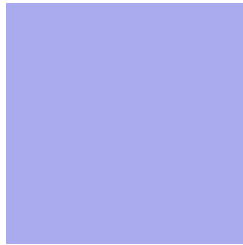
38, 80.408, 38.818



8, 29.681, 22.643

Previews

White Background



This preview shows how the CIELCh color 72, 36.509, 292.636 looks on a white background.

Color Contrast Check

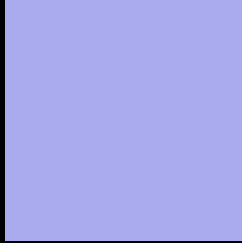
Large Text (above 18pt) WCAG AA × Fail

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, 36.509, 292.636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

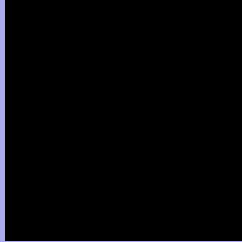
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 36.509, 292.636

Background



This preview shows how black text looks on a background with the CIELCh color 72, 36.509, 292.636.



This preview shows how white text looks on a background with the CIELCh color 72, 36.509, 292.636.

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, 36.509, 292.636

Protanopia

72, 36.128, 285.261

Deuteranopia

72, 34.463, 285.644



Tritanopia
72, 10.393, 251.105

Trichromacy



Original Color
72, 36.509, 292.636

Protanomaly
72, 36.020, 287.645

Deuteranomaly
72, 34.903, 288.328

Tritanomaly
72, 18.911, 278.540

Monochromacy



Original Color
72, 36.509, 292.636

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 13.621, 291.497

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 36.509, 292.636 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(169, 171, 238)` looks like.

```
.text, #text, p{  
    color:rgb(169, 171, 238)  
}
```

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(169, 171, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 171, 238) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 36.509, 292.636 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(169, 171, 238) }
```

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

```
.border{ border-color:rgb(169, 171, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 171, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 171, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 171, 238); box-shadow:4px 4px 4px 4px rgb(169, 171, 238) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 36.509, 292.636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 171, 238) }
```

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

```
.background{ background-color: rgb(169,  
171, 238) }
```

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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