

Converting Colors

CIELCh(72, 59.279, 338.983)

Have a look what the booklet for
CIELCh(72, 59.279, 338.983)
contains.

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Color

CIELCh(72, 59.548, 338.740)

Conversions

Conversions Part 1

Format	Color
Hex	FF87D9
RGB	255, 135, 217
RGB Percent	100%, 53%, 85%
CMY	0.0000, 0.4701, 0.1486
CMYK	0.00, 0.47, 0.15, 0.00
HSL	319°, 100%, 76%
HSV	319°, 47%, 100%
XYZ	62.5049, 43.6590, 70.8579
YIQ	180.2280, 45.1980, 50.9420

Conversions

Conversions Part 2

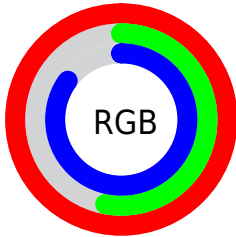
Format	Color
RYB	255, 135, 217
Decimal	16746457
CIELab	72.00, 55.50, -21.59
CIELCh	72, 59.548, 338.740
Yxy	43.6590, 0.3531, 0.2466
Android (android.graphics.Color)	4294936537 (0xFFFF87D9)
YUV	180.2280, 18.1286, 65.5750
Hunter-Lab	66.0750, 53.2244, -17.3293

Details

The CIELCh color **72, 59.548, 338.740** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **92, 58.854, 150.491**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 40.132, 325.817**, and **52, 59.661, 338.732** is the 20% darker color. If you saturate the color by 10%, you get **67, 70.421, 339.729**, and if you desaturate by 10%, it is **77, 47.454, 337.781**.

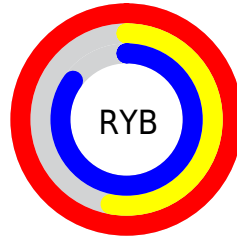
Distribution



Red (100%)

Green (53%)

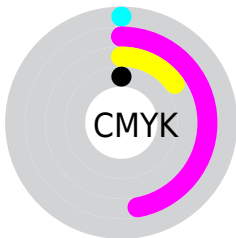
Blue (85%)



Red (100%)

Yellow (53%)

Blue (85%)

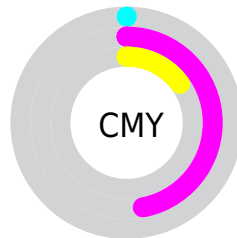


Cyan (0%)

Magenta (47%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 59.548, 338.740 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, 59.548, 338.740 by changing the saturation by 10% instead.


 72, 59.548,
338.740

 72, 59.548,
338.740


 100, 59.548,
338.740

 62, 59.548,
338.740


 92, 59.548,
338.740

 52, 59.548,
338.740

 42, 59.548,
338.740

 32, 59.548,
338.740

 22, 59.548,
338.740

 12, 59.548,
338.740

 2, 59.548, 338.740

■ 0, 59.548, 338.740

■ 72, 59.548,
338.740

■ 72, 59.548,
338.740

■ 67, 70.421,
339.729

■ 77, 47.454,
337.781

■ 63, 79.531,
340.893

■ 83, 34.758,
336.933

■ 60, 86.225,
342.257

■ 89, 21.826,
336.142

■ 58, 90.067,
343.899

■ 95, 8.931, 335.382

■ 57, 91.055,
345.906

100, 0.012,
296.813

■ 56, 91.045,
346.559

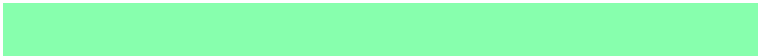
Harmonies

Complementary

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



72, 59.548, 338.740



92, 58.854, 150.491

Rectangle

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



72, 59.548, 338.740



72, 59.548, 28.740



72, 59.548, 158.740



72, 59.548, 208.740

Sweetspot

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



72, 59.519, 338.704



91, 17.929, 335.912



64, 67.479, 305.370



47, 12.394, 336.076



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, 59.519, 338.704



68, 69.389, 339.619



70, 48.487, 9.668



50, 7.257, 335.572



42, 73.577, 346.139



11, 34.683, 343.342

Inverse Universe

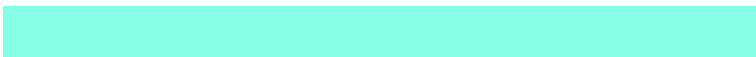
The Inverse Universe completely reimagines the original color for something new.



72, 59.519, 338.704



68, 69.389, 339.619



93, 39.475, 178.562



50, 7.257, 335.572



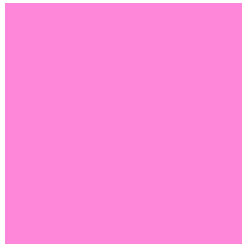
42, 73.577, 346.139



11, 34.683, 343.342

Previews

White Background



This preview shows how the CIELCh color 72, 59.548, 338.740 looks on a white background.

Color Contrast Check

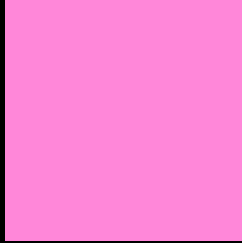
Large Text (above 18pt) WCAG AA × Fail

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, 59.548, 338.740 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, 59.548, 338.740

Background



This preview shows how black text looks on a background with the CIELCh color 72, 59.548, 338.740.

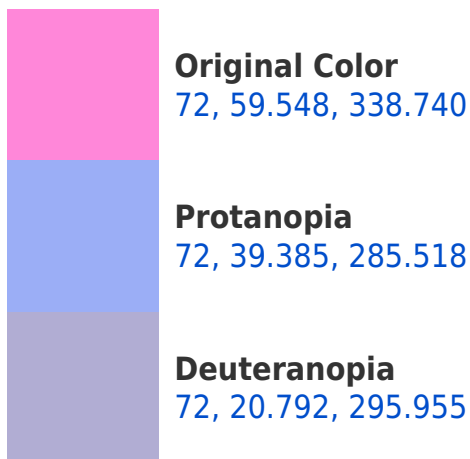


This preview shows how white text looks on a background with the CIELCh color 72, 59.548, 338.740.

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





Tritanopia
72, 41.053, 15.457

Trichromacy



Original Color
72, 59.548, 338.740



Protanomaly
71, 42.401, 307.779



Deuteranomaly
71, 33.667, 321.506



Tritanomaly
72, 44.893, 359.026

Monochromacy



Original Color
72, 59.548, 338.740



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 22.389, 336.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 59.548, 338.740 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(255, 135, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 217)  
}
```

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(255, 135, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 59.548, 338.740 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(255, 135, 217) }
```

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

```
.border{ border-color:rgb(255, 135, 217) }
```

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

Here you see how a box with a 4 pixel rgb(255, 135, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 59.548, 338.740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 135, 217) }
```

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

```
.background{ background-color: rgb(255,  
135, 217) }
```

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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