

Converting Colors

CIELCh(72, 62.822, 336.359)

Have a look what the booklet for
CIELCh(72, 62.822, 336.359)
contains.

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Color

CIELCh(72, 62.986, 335.981)

Conversions

Conversions Part 1

Format	Color
Hex	FF85E0
RGB	255, 133, 224
RGB Percent	100%, 52%, 88%
CMY	0.0000, 0.4766, 0.1198
CMYK	0.00, 0.48, 0.12, 0.00
HSL	315°, 100%, 76%
HSV	315°, 48%, 100%
XYZ	63.3874, 43.6590, 75.9366
YIQ	179.8520, 43.5010, 54.1650

Conversions

Conversions Part 2

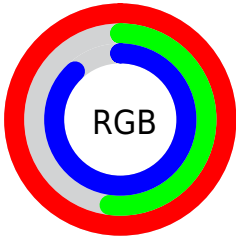
Format	Color
RYB	255, 133, 224
Decimal	16745952
CIELab	72.00, 57.53, -25.64
CIELCh	72, 62.986, 335.981
Yxy	43.6590, 0.3464, 0.2386
Android (android.graphics.Color)	4294936032 (0xFFFF85E0)
YUV	179.8520, 21.7650, 65.9048
Hunter-Lab	66.0750, 55.6083, -21.8865

Details

The CIELCh color **72, 62.986, 335.981** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **91, 62.693, 148.016**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 41.380, 325.860**, and **52, 63.059, 335.843** is the 20% darker color. If you saturate the color by 10%, you get **67, 74.103, 336.706**, and if you desaturate by 10%, it is **77, 50.413, 335.038**.

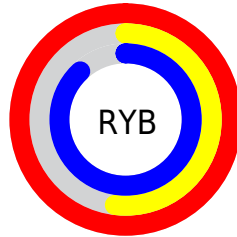
Distribution



Red (100%)

Green (52%)

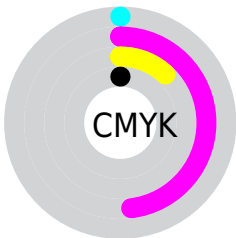
Blue (88%)



Red (100%)

Yellow (52%)

Blue (88%)

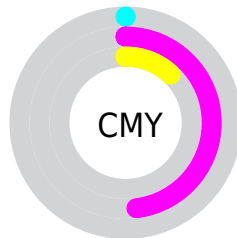


Cyan (0%)

Magenta (48%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 62.986, 335.981 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, 62.986, 335.981 by changing the saturation by 10% instead.


 72, 62.986,
335.981


 72, 62.986,
335.981


 100, 62.986,
335.981


 62, 62.986,
335.981


 92, 62.986,
335.981

 52, 62.986,
335.981

 42, 62.986,
335.981

 32, 62.986,
335.981

 22, 62.986,
335.981

 12, 62.986,
335.981

 2, 62.986, 335.981

■ 0, 62.986, 335.981

■ 72, 62.986,
335.981

■ 72, 62.986,
335.981

■ 67, 74.103,
336.706

■ 77, 50.413,
335.038

■ 63, 83.409,
337.652

■ 83, 37.218,
334.278

■ 60, 90.194,
338.716

■ 89, 23.726,
333.554

■ 58, 94.049,
339.952

■ 95, 10.231,
332.850

■ 57, 95.024,
341.415

100, 0.012,
296.813

■ 57, 95.040,
341.780

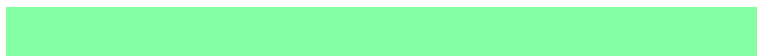
Harmonies

Complementary

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



72, 62.986, 335.981



91, 62.693, 148.016

Rectangle

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



72, 62.986, 335.981



72, 62.986, 25.981



72, 62.986, 155.981



72, 62.986, 205.981

Sweetspot

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



72, 62.891, 335.843



91, 18.770, 333.296



63, 68.349, 303.962



47, 12.974, 333.448



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, 62.891, 335.843



68, 73.411, 336.647



70, 49.428, 6.027



50, 7.600, 332.980



43, 76.782, 341.483



11, 36.093, 339.499

Inverse Universe

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



72, 62.891, 335.843



68, 73.411, 336.647



93, 41.482, 174.494



50, 7.600, 332.980



43, 76.782, 341.483



11, 36.093, 339.499

Previews

White Background



This preview shows how the CIELCh color 72, 62.986, 335.981 looks on a white background.

Color Contrast Check

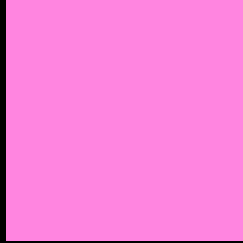
Large Text (above 18pt) WCAG AA × Fail

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, 62.986, 335.981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

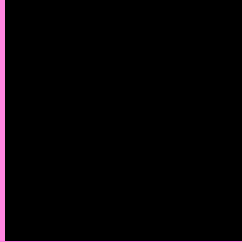
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 62.986, 335.981

Background



This preview shows how black text looks on a background with the CIELCh color 72, 62.986, 335.981.



This preview shows how white text looks on a background with the CIELCh color 72, 62.986, 335.981.

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, 40.212, 15.174

Trichromacy



Original Color
72, 62.986, 335.981



Protanomaly
71, 47.598, 305.997



Deuteranomaly
71, 36.680, 317.594



Tritanomaly
72, 45.498, 356.440

Monochromacy



Original Color
72, 62.986, 335.981



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 24.155, 333.744

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 62.986, 335.981 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, 133, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 224)  
}
```

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, 133, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 62.986, 335.981 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, 133, 224) }
```

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

```
.border{ border-color:rgb(255, 133, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 133, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 62.986, 335.981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 224) }
```

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

```
.background{ background-color: rgb(255,  
133, 224) }
```

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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