

Converting Colors

CIELCh(73, 73.227, 327.959)

Have a look what the booklet for
CIELCh(73, 73.227, 327.959)
contains.

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Color

CIELCh(73, 73.072, 327.932)

Conversions

Conversions Part 1

Format	Color
Hex	FF85FB
RGB	255, 133, 251
RGB Percent	100%, 52%, 98%
CMY	0.0000, 0.4772, 0.0144
CMYK	0.00, 0.48, 0.01, 0.00
HSL	302°, 100%, 76%
HSV	302°, 48%, 100%
XYZ	67.2509, 45.1644, 96.7005
YIQ	182.9300, 34.8340, 62.5620

Conversions

Conversions Part 2

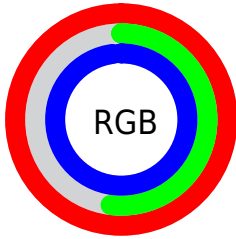
Format	Color
R_{YB}	255, 133, 251
Decimal	16745979
CIE _{Lab}	73.00, 61.92, -38.80
CIE _{LCh}	73, 73.072, 327.932
Yxy	45.1644, 0.3216, 0.2160
Android (android.graphics.Color)	4294936059 (0xFFFF85FB)
YUV	182.9300, 33.5585, 63.2054
Hunter-Lab	67.2044, 61.0156, -38.2693

Details

The CIELCh color **73, 73.072, 327.932** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **91, 73.408, 141.317**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 40.756, 325.838**, and **53, 73.142, 327.973** is the 20% darker color. If you saturate the color by 10%, you get **69, 85.951, 328.308**, and if you desaturate by 10%, it is **78, 58.654, 327.343**.

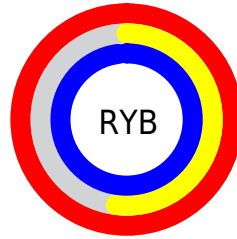
Distribution



Red (100%)

Green (52%)

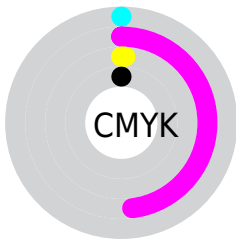
Blue (98%)



Red (100%)

Yellow (52%)

Blue (98%)

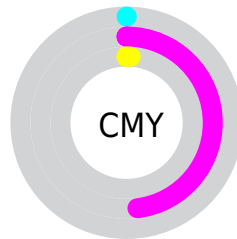


Cyan (0%)

Magenta (48%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 73.072, 327.932 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 73, 73.072, 327.932 by changing the saturation by 10% instead.


 73, 73.072,
327.932


 73, 73.072,
327.932


 100, 73.072,
327.932


 63, 73.072,
327.932


 93, 73.072,
327.932

 53, 73.072,
327.932

 43, 73.072,
327.932

 33, 73.072,
327.932

 23, 73.072,
327.932

 13, 73.072,
327.932

 3, 73.072, 327.932

0, 73.072, 327.932

73, 73.072,
327.932

73, 73.072,
327.932

69, 85.951,
328.308

78, 58.654,
327.343

65, 96.788,
328.704

83, 43.408,
326.803

63, 104.971,
329.027

89, 27.756,
326.241

61, 110.164,
329.276

95, 12.039,
325.664

60, 112.486,
329.460

100, 0.012,
296.813

60, 112.806,
329.498

Harmonies

Complementary

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



73, 73.072, 327.932



91, 73.408, 141.317

Rectangle

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



73, 73.072, 327.932



73, 73.072, 17.932



73, 73.072, 147.932



73, 73.072, 197.932

Sweetspot

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



73, 73.028, 327.850



91, 21.898, 326.029



61, 68.285, 297.547



47, 15.130, 326.152



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 73.028, 327.850



69, 85.079, 328.277



71, 53.610, 349.788



50, 8.873, 325.769



45, 90.897, 329.475



12, 41.937, 329.321

Inverse Universe

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



73, 73.028, 327.850



69, 85.079, 328.277



92, 50.546, 159.493



50, 8.873, 325.769



45, 90.897, 329.475



12, 41.937, 329.321

Previews

White Background



This preview shows how the CIELCh color 73, 73.072, 327.932 looks on a white background.

Color Contrast Check

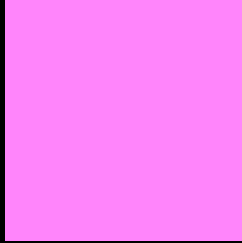
Large Text (above 18pt) WCAG AA × Fail

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 73, 73.072, 327.932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

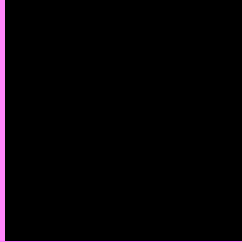
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 73.072, 327.932

Background



This preview shows how black text looks on a background with the CIELCh color 73, 73.072, 327.932.

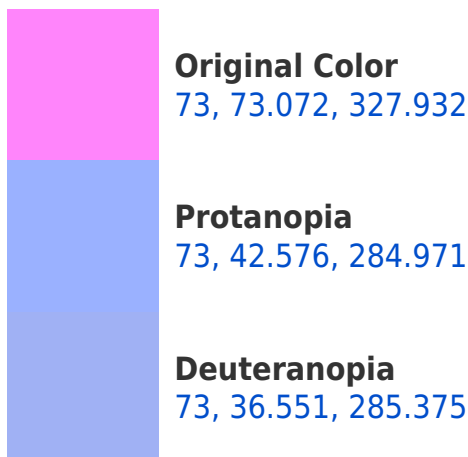


This preview shows how white text looks on a background with the CIELCh color 73, 73.072, 327.932.

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
73, 36.429, 12.967

Trichromacy



Original Color
73, 73.072, 327.932



Protanomaly
72, 51.686, 305.156



Deuteranomaly
72, 48.259, 307.386



Tritanomaly
73, 45.611, 348.414

Monochromacy



Original Color
73, 73.072, 327.932



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 28.215, 326.205

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 73.072, 327.932 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 251)  
}
```

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, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 73.072, 327.932 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, 251) }
```

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

```
.border{ border-color:rgb(255, 133, 251) }
```

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, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 73.072, 327.932 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, 251) }
```

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

```
.background{ background-color: rgb(255,  
133, 251) }
```

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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