

Converting Colors

CIELCh(100, 111.912, 2.561)

Have a look what the booklet for
CIELCh(100, 111.912, 2.561)
contains.

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Color

CIELCh(73, 73.224, 328.191)

Conversions

Conversions Part 1

Format	Color
Hex	FF85FB
RGB	255, 133, 251
RGB Percent	100%, 52%, 98%
CMY	0.0000, 0.4787, 0.0158
CMYK	0.00, 0.48, 0.02, 0.00
HSL	302°, 100%, 76%
HSV	302°, 48%, 100%
XYZ	67.3886, 45.1644, 96.3987
YIQ	182.9300, 34.8340, 62.5620

Conversions

Conversions Part 2

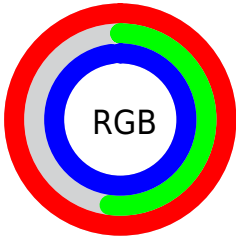
Format	Color
R _Y B	255, 133, 251
Decimal	16745979
CIE _{Lab}	73.00, 62.23, -38.60
CIE _{LCh}	73, 73.224, 328.191
Y _{xy}	45.1644, 0.3225, 0.2161
Android (android.graphics.Color)	4294936059 (0xFFFF85FB)
YUV	182.9300, 33.5585, 63.2054
Hunter-Lab	67.2044, 61.3813, -38.0031

Details

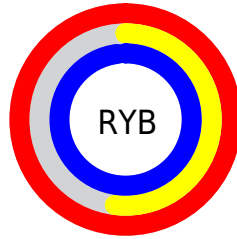
The CIELCh color **73, 73.224, 328.191** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **91, 73.484, 141.374**, and the grayscale version is **74, 0.009, 296.813**.

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, 85.968, 328.404**, and if you desaturate by 10%, it is **78, 58.766, 327.434**.

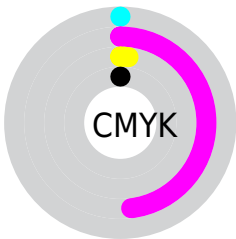
Distribution



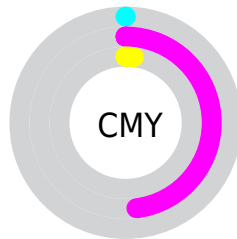
- Red (100%)
- Green (52%)
- Blue (98%)



- Red (100%)
- Yellow (52%)
- Blue (98%)



- Cyan (0%)
- Magenta (48%)
- Yellow (2%)
- Black (0%)





- Cyan (0%)
- Magenta (48%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 73.224, 328.191 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, 73.224, 328.191 by changing the saturation by 10% instead.


 73, 73.224,
328.191


 73, 73.224,
328.191


 100, 73.224,
328.191


 63, 73.224,
328.191


 93, 73.224,
328.191

 53, 73.224,
328.191

 43, 73.224,
328.191

 33, 73.224,
328.191

 23, 73.224,
328.191

 13, 73.224,
328.191

 3, 73.224, 328.191

0, 73.224, 328.191

73, 73.224,
328.191

73, 73.224,
328.191

69, 85.968,
328.404

78, 58.766,
327.434

65, 96.747,
328.803

83, 43.557,
326.891

62, 104.865,
329.132

89, 27.937,
326.329

61, 109.992,
329.389

95, 12.250,
325.751

60, 112.258,
329.583

100, 0.012,
296.813

60, 112.552,
329.620

Harmonies

Complementary

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



73, 73.224, 328.191



91, 73.484, 141.374

Rectangle

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



73, 73.224, 328.191



73, 73.224, 18.191



73, 73.224, 148.191



73, 73.224, 198.191

Sweetspot

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



73, 73.096, 327.943



91, 21.856, 326.108



61, 68.520, 297.576



47, 15.101, 326.231



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, 73.096, 327.943



69, 84.920, 328.366



71, 53.768, 349.811



50, 8.856, 325.847



45, 90.695, 329.595



12, 41.855, 329.426

Inverse Universe

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



73, 73.096, 327.943



69, 84.920, 328.366



92, 50.690, 159.472



50, 8.856, 325.847



45, 90.695, 329.595



12, 41.855, 329.426

Previews

White Background



This preview shows how the CIELCh color 73, 73.224, 328.191 looks on a white background.

Color Contrast Check

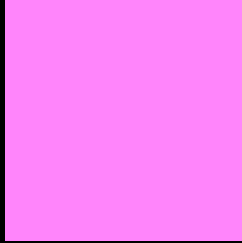
Large Text (above 18pt) WCAG AA × Fail

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, 73.224, 328.191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

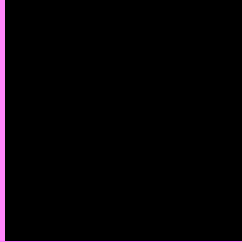
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 73.224, 328.191

Background



This preview shows how black text looks on a background with the CIELCh color 73, 73.224, 328.191.



This preview shows how white text looks on a background with the CIELCh color 73, 73.224, 328.191.

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

73, 73.072, 327.932

Protanopia

73, 42.612, 284.602

Deuteranopia

73, 36.020, 285.183



Tritanopia
73, 36.429, 12.967

Trichromacy



Original Color
73, 73.072, 327.932



Protanomaly
72, 51.640, 304.809



Deuteranomaly
72, 47.742, 307.520



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, 73.224, 328.191 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, 73.224, 328.191 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, 73.224, 328.191 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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