

Converting Colors

CIELCh(73, 72.972, 325.829)

Have a look what the booklet for
CIELCh(73, 72.972, 325.829)
contains.

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Color

CIELCh(73, 73.102, 325.933)

Conversions

Conversions Part 1

Format	Color
Hex	FB87FF
RGB	251, 135, 255
RGB Percent	98%, 53%, 100%
CMY	0.0149, 0.4698, 0.0000
CMYK	0.01, 0.47, 0.00, 0.00
HSL	298°, 100%, 77%
HSV	298°, 47%, 100%
XYZ	66.6342, 45.1644, 99.9863
YIQ	183.3640, 30.6160, 61.9120

Conversions

Conversions Part 2

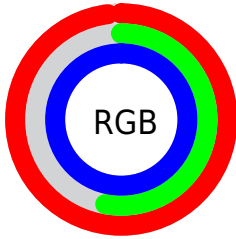
Format	Color
R_{YB}	251, 135, 255
Decimal	16484351
CIE _{Lab}	73.00, 60.56, -40.95
CIE _{LCh}	73, 73.102, 325.933
Yxy	45.1644, 0.3146, 0.2133
Android (android.graphics.Color)	4294674431 (0xFFFB87FF)
YUV	183.3640, 35.3165, 59.3168
Hunter-Lab	67.2044, 59.3775, -41.1681

Details

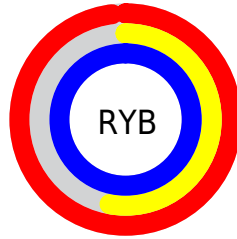
The CIELCh color **73, 73.102, 325.933** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **91, 73.126, 139.984**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 40.132, 325.817**, and **53, 72.996, 325.840** is the 20% darker color. If you saturate the color by 10%, you get **69, 86.392, 326.378**, and if you desaturate by 10%, it is **78, 58.279, 325.521**.

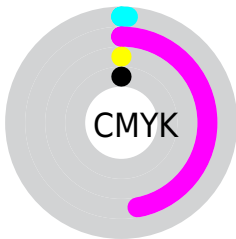
Distribution



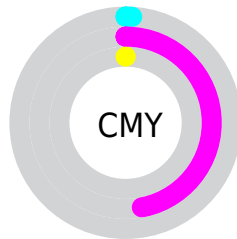
- Red (98%)
- Green (53%)
- Blue (100%)



- Red (98%)
- Yellow (53%)
- Blue (100%)



- Cyan (1%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (47%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 73.102, 325.933 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, 73.102, 325.933 by changing the saturation by 10% instead.


 73, 73.102,
325.933


 73, 73.102,
325.933


 100, 73.102,
325.933


 63, 73.102,
325.933


 93, 73.102,
325.933

 53, 73.102,
325.933

 43, 73.102,
325.933

 33, 73.102,
325.933

 23, 73.102,
325.933

 13, 73.102,
325.933

 3, 73.102, 325.933

0, 73.102, 325.933

73, 73.102,
325.933

73, 73.102,
325.933

69, 86.392,
326.378

78, 58.279,
325.521

65, 97.774,
326.690

84, 42.753,
325.018

62, 106.561,
326.900

89, 26.882,
324.490

60, 112.366,
326.997

96, 10.993,
323.941

59, 115.218,
326.981

100, 0.012,
296.813

59, 115.743,
326.964

Harmonies

Complementary

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



73, 73.102, 325.933



91, 73.126, 139.984

Rectangle

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



73, 73.102, 325.933



73, 73.102, 15.933



73, 73.102, 145.933



73, 73.102, 195.933

Sweetspot

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



73, 73.014, 325.981



91, 22.138, 324.329



62, 64.701, 295.757



47, 15.298, 324.446



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, 73.014, 325.981



69, 85.159, 326.342



71, 54.257, 346.659



50, 8.968, 324.083



44, 93.222, 326.985



12, 42.877, 327.134

Inverse Universe

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



70, 49.372, 22.342



65, 60.116, 24.410



92, 51.988, 157.054



49, 5.253, 17.385



40, 82.845, 38.778



10, 33.108, 25.913

Previews

White Background



This preview shows how the CIELCh color 73, 73.102, 325.933 looks on a white background.

Color Contrast Check

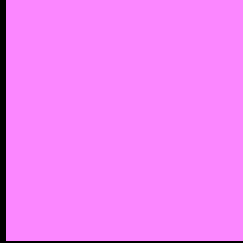
Large Text (above 18pt) WCAG AA × Fail

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, 73.102, 325.933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

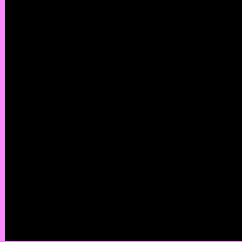
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 73.102, 325.933

Background



This preview shows how black text looks on a background with the CIELCh color 73, 73.102, 325.933.



This preview shows how white text looks on a background with the CIELCh color 73, 73.102, 325.933.

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, 73.102, 325.933

Protanopia
73, 42.576, 284.971

Deuteranopia
73, 38.210, 285.058



Tritanopia
73, 33.546, 12.650

Trichromacy



Original Color
73, 73.102, 325.933



Protanomaly
72, 51.504, 304.103



Deuteranomaly
72, 49.026, 305.636



Tritanomaly
73, 44.119, 345.785

Monochromacy



Original Color
73, 73.102, 325.933



Achromatopsia
75, 0.009, 296.813



Achromatomaly
73, 28.252, 324.297

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 73.102, 325.933 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(251, 135, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 135, 255)  
}
```

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(251, 135, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 135, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 73.102, 325.933 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(251, 135, 255) }
```

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

```
.border{ border-color:rgb(251, 135, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 135, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 135, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 135, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 135,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 73.102, 325.933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 135, 255) }
```

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

```
.background{ background-color: rgb(251,  
135, 255) }
```

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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