

Converting Colors

CIELCh(71, 71.558, 322.514)

Have a look what the booklet for
CIELCh(71, 71.558, 322.514)
contains.

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Color

CIELCh(71, 71.729, 322.647)

Conversions

Conversions Part 1

Format	Color
Hex	ED86FE
RGB	237, 134, 254
RGB Percent	93%, 53%, 100%
CMY	0.0708, 0.4747, 0.0041
CMYK	0.07, 0.47, 0.00, 0.00
HSL	292°, 98%, 76%
HSV	292°, 47%, 100%
XYZ	61.3105, 42.1875, 98.6383
YIQ	178.4770, 22.8680, 59.1560

Conversions

Conversions Part 2

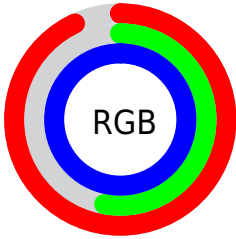
Format	Color
R _Y B	237, 134, 254
Decimal	15566590
CIE Lab	71.00, 57.02, -43.52
CIE LCh	71, 71.729, 322.647
Yxy	42.1875, 0.3033, 0.2087
Android (android.graphics.Color)	4293756670 (0xFFED86FE)
YUV	178.4770, 37.2328, 51.3247
Hunter-Lab	64.9519, 54.8269, -44.5736

Details

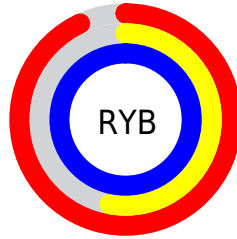
The CIELCh color **71, 71.729, 322.647** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **91, 70.949, 137.500**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 40.756, 325.838**, and **51, 71.653, 322.623** is the 20% darker color. If you saturate the color by 10%, you get **66, 85.265, 322.970**, and if you desaturate by 10%, it is **76, 57.069, 322.247**.

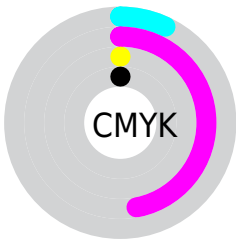
Distribution



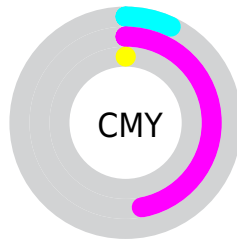
- Red (93%)
- Green (53%)
- Blue (100%)



- Red (93%)
- Yellow (53%)
- Blue (100%)



- Cyan (7%)
- Magenta (47%)
- Yellow (0%)
- Black (0%)





- Cyan (7%)
- Magenta (47%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 71.729, 322.647 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 71, 71.729, 322.647 by changing the saturation by 10% instead.


 71, 71.729,
322.647


 71, 71.729,
322.647


 100, 71.729,
322.647


 61, 71.729,
322.647


 91, 71.729,
322.647

 51, 71.729,
322.647

 41, 71.729,
322.647

 31, 71.729,
322.647

 21, 71.729,
322.647

 11, 71.729,
322.647

 1, 71.729, 322.647

■ 0, 71.729, 322.647

■ 71, 71.729,
322.647

■ 71, 71.729,
322.647

■ 66, 85.265,
322.970

■ 76, 57.069,
322.247

■ 62, 97.035,
323.181

■ 82, 41.822,
321.800

■ 58, 106.355,
323.242

■ 89, 26.379,
321.328

■ 56, 112.697,
323.122

■ 95, 11.008,
320.841

■ 54, 115.949,
322.806

■ 100, 0.520,
112.163

■ 54, 116.539,
322.700

■ 100, 0.519,
109.990

Harmonies

Complementary

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



71, 71.729, 322.647



91, 70.949, 137.500

Rectangle

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



71, 71.729, 322.647



71, 71.729, 12.647



71, 71.729, 142.647



71, 71.729, 192.647

Sweetspot

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



71, 71.727, 322.647



91, 21.438, 321.172



65, 56.542, 290.818



47, 14.820, 321.276



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 71.727, 322.647



66, 85.227, 322.963



71, 58.311, 340.377



50, 8.677, 320.953



41, 94.131, 322.790



10, 43.221, 323.421

Inverse Universe

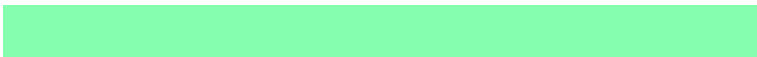
The Inverse Universe completely reimagines the original color for something new.



70, 48.600, 14.156



65, 59.471, 16.541



91, 57.358, 151.812



50, 5.335, 8.583



40, 77.905, 33.603



10, 32.330, 21.371

Previews

White Background



This preview shows how the CIELCh color 71, 71.729, 322.647 looks on a white background.

Color Contrast Check

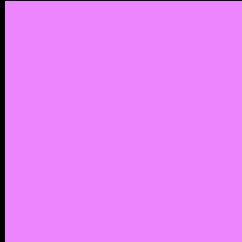
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 71, 71.729, 322.647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

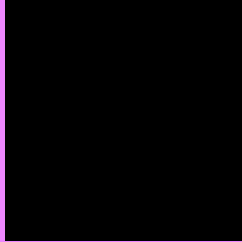
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 71.729, 322.647

Background



This preview shows how black text looks on a background with the CIELCh color 71, 71.729, 322.647.



This preview shows how white text looks on a background with the CIELCh color 71, 71.729, 322.647.

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

71, 71.729, 322.647

Protanopia

71, 45.568, 284.677

Deuteranopia

71, 41.272, 283.791



Tritanopia

71, 28.554, 9.186

Trichromacy



Original Color
71, 71.729, 322.647



Protanomaly
70, 53.584, 301.578



Deuteranomaly
70, 50.988, 302.487



Tritanomaly
71, 40.428, 340.582

Monochromacy



Original Color
71, 71.729, 322.647



Achromatopsia
73, 0.009, 296.813



Achromatomaly
71, 27.487, 320.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 71.729, 322.647 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(237, 134, 254)` looks like.

```
.text, #text, p{  
    color:rgb(237, 134, 254)  
}
```

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(237, 134, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 134, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 71.729, 322.647 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(237, 134, 254) }
```

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

```
.border{ border-color:rgb(237, 134, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 134, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 134, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 134, 254);  
box-shadow:4px 4px 4px 4px rgb(237, 134,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 71.729, 322.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 134, 254) }
```

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

```
.background{ background-color: rgb(237,  
134, 254) }
```

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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