

Converting Colors

CIELCh(72, 70.778, 330.353)

Have a look what the booklet for
CIELCh(72, 70.778, 330.353)
contains.

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Color

CIELCh(72, 71.199, 330.284)

Conversions

Conversions Part 1

Format	Color
Hex	FF82F2
RGB	255, 130, 242
RGB Percent	100%, 51%, 95%
CMY	0.0000, 0.4900, 0.0508
CMYK	0.00, 0.49, 0.05, 0.00
HSL	306°, 100%, 75%
HSV	306°, 49%, 100%
XYZ	65.2794, 43.6590, 89.0261
YIQ	180.1430, 38.5480, 61.3320

Conversions

Conversions Part 2

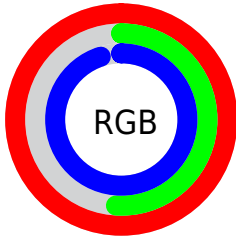
Format	Color
R _Y B	255, 130, 242
Decimal	16745202
CIE Lab	72.00, 61.84, -35.29
CIE LCh	72, 71.199, 330.284
Yxy	43.6590, 0.3298, 0.2205
Android (android.graphics.Color)	4294935282 (0xFFFF82F2)
YUV	180.1430, 30.4955, 65.6496
Hunter-Lab	66.0750, 60.7195, -33.6319

Details

The CIELCh color $72, 71.199, 330.284$ is a light color, and the websafe version is hex `FF99FF`. A complement of this color would be $91, 71.604, 143.169$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $84, 42.626, 325.902$, and $52, 71.381, 330.186$ is the 20% darker color. If you saturate the color by 10%, you get $68, 83.272, 330.834$, and if you desaturate by 10%, it is $77, 57.632, 329.689$.

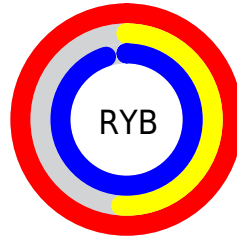
Distribution



Red (100%)

Green (51%)

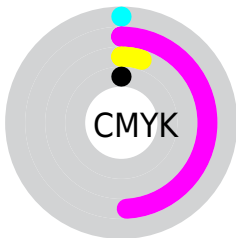
Blue (95%)



Red (100%)

Yellow (51%)

Blue (95%)

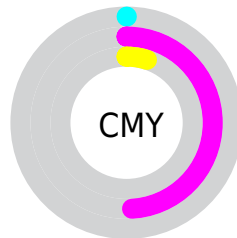


Cyan (0%)

Magenta (49%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (5%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 71.199, 330.284 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, 71.199, 330.284 by changing the saturation by 10% instead.

 72, 71.199,
330.284

 72, 71.199,
330.284


 100, 71.199,
330.284

 62, 71.199,
330.284


 92, 71.199,
330.284

 52, 71.199,
330.284

 42, 71.199,
330.284

 32, 71.199,
330.284

 22, 71.199,
330.284

 12, 71.199,
330.284

 2, 71.199, 330.284

■ 0, 71.199, 330.284

■ 72, 71.199,
330.284

■ 72, 71.199,
330.284

■ 68, 83.272,
330.834

■ 77, 57.632,
329.689

■ 64, 93.240,
331.372

■ 82, 43.182,
329.092

■ 61, 100.521,
331.886

■ 88, 28.307,
328.490

■ 60, 104.794,
332.388

■ 94, 13.350,
327.884

■ 59, 106.287,
332.894

100, 0.012,
296.813

■ 59, 106.371,
332.945

Harmonies

Complementary

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



72, 71.199, 330.284



91, 71.604, 143.169

Rectangle

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



72, 71.199, 330.284



72, 71.199, 20.284



72, 71.199, 150.284



72, 71.199, 200.284

Sweetspot

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



72, 71.189, 330.272



91, 22.318, 328.249



61, 70.265, 299.953



47, 15.238, 328.376



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, 71.189, 330.272



68, 83.272, 330.834



70, 52.932, 355.460



50, 8.435, 327.915



44, 85.797, 332.855



12, 39.858, 332.242

Inverse Universe

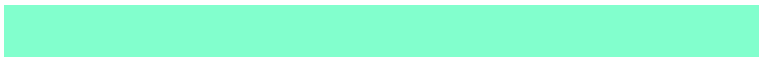
The Inverse Universe completely reimagines the original color for something new.



72, 71.189, 330.272



68, 83.272, 330.834



92, 48.171, 164.032



50, 8.435, 327.915



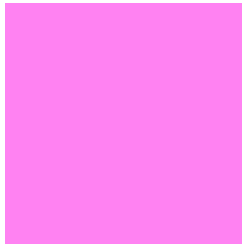
44, 85.797, 332.855



12, 39.858, 332.242

Previews

White Background



This preview shows how the CIELCh color 72, 71.199, 330.284 looks on a white background.

Color Contrast Check

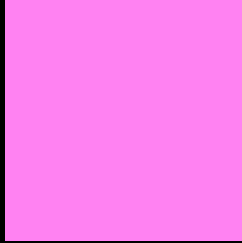
Large Text (above 18pt) WCAG AA × Fail

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, 71.199, 330.284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

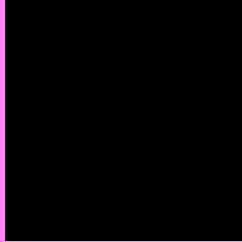
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 71.199, 330.284

Background



This preview shows how black text looks on a background with the CIELCh color 72, 71.199, 330.284.



This preview shows how white text looks on a background with the CIELCh color 72, 71.199, 330.284.

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

72, 71.199, 330.284

Protanopia

72, 44.320, 285.258

Deuteranopia

72, 32.769, 286.640



Tritanopia
72, 38.579, 14.616

Trichromacy



Original Color
72, 71.199, 330.284



Protanomaly
71, 51.311, 305.282



Deuteranomaly
71, 45.069, 310.098



Tritanomaly
72, 46.739, 351.249

Monochromacy



Original Color
72, 71.199, 330.284



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 27.636, 328.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 71.199, 330.284 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, 130, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 242)  
}
```

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, 130, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 71.199, 330.284 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, 130, 242) }
```

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

```
.border{ border-color:rgb(255, 130, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 130, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 130, 242); box-shadow:4px 4px 4px 4px rgb(255, 130, 242) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 71.199, 330.284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 242) }
```

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

```
.background{ background-color: rgb(255,  
130, 242) }
```

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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