

Converting Colors

CIELCh(71, 76.362, 328.989)

Have a look what the booklet for
CIELCh(71, 76.362, 328.989)
contains.

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Color

CIELCh(71, 76.362, 328.989)

Conversions

Conversions Part 1

Format	Color
Hex	FF7CF7
RGB	255, 124, 247
RGB Percent	100%, 49%, 97%
CMY	0.0016, 0.5152, 0.0330
CMYK	0.00, 0.51, 0.03, 0.00
HSL	304°, 99%, 74%
HSV	304°, 51%, 100%
XYZ	64.9697, 42.1875, 92.3869
YIQ	177.1910, 38.5930, 66.0250

Conversions

Conversions Part 2

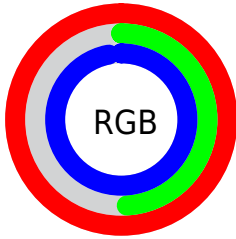
Format	Color
R _Y B	255, 124, 247
Decimal	16743671
CIE _{Lab}	71.00, 65.45, -39.34
CIE _{LCh}	71, 76.362, 328.989
Y _{xy}	42.1875, 0.3256, 0.2114
Android (android.graphics.Color)	4294933751 (0xFFFF7CF7)
YUV	177.1910, 34.4158, 68.2385
Hunter-Lab	64.9519, 64.8830, -38.8671

Details

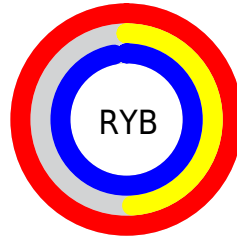
The CIELCh color **71, 76.362, 328.989** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **90, 76.943, 141.696**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 46.349, 326.028**, and **51, 76.171, 329.133** is the 20% darker color. If you saturate the color by 10%, you get **67, 88.311, 329.472**, and if you desaturate by 10%, it is **76, 62.747, 328.464**.

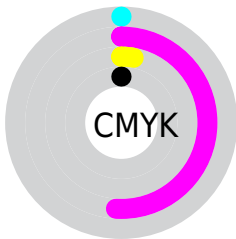
Distribution



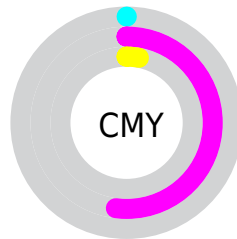
- Red (100%)
- Green (49%)
- Blue (97%)



- Red (100%)
- Yellow (49%)
- Blue (97%)



- Cyan (0%)
- Magenta (51%)
- Yellow (3%)
- Black (0%)





- Cyan (0%)
- Magenta (52%)
- Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 76.362, 328.989 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, 76.362, 328.989 by changing the saturation by 10% instead.


 71, 76.362,
328.989


 71, 76.362,
328.989


 100, 76.362,
328.989


 61, 76.362,
328.989


 91, 76.362,
328.989

 51, 76.362,
328.989

 41, 76.362,
328.989

 31, 76.362,
328.989

 21, 76.362,
328.989

 11, 76.362,
328.989

 1, 76.362, 328.989

0, 76.362, 328.989

71, 76.362,
328.989

71, 76.362,
328.989

67, 88.311,
329.472

76, 62.747,
328.464

64, 97.972,
329.905

81, 48.081,
327.910

61, 104.829,
330.284

87, 32.867,
327.337

60, 108.667,
330.614

93, 17.484,
326.754

59, 109.930,
330.871

99, 2.199, 326.055

100, 0.145,
203.962

Harmonies

Complementary

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



71, 76.362, 328.989



90, 76.943, 141.696

Rectangle

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



71, 76.362, 328.989



71, 76.362, 18.989



71, 76.362, 148.989



71, 76.362, 198.989

Sweetspot

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



71, 76.359, 328.989



91, 22.985, 326.963



58, 74.033, 299.096



47, 15.693, 327.085



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, 76.359, 328.989



67, 89.031, 329.498



69, 56.505, 352.534



50, 8.688, 326.639



45, 88.726, 330.823



12, 41.055, 330.493

Inverse Universe

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



71, 76.359, 328.989



67, 89.031, 329.498



91, 52.454, 160.772



50, 8.688, 326.639



45, 88.726, 330.823



12, 41.055, 330.493

Previews

White Background



This preview shows how the CIELCh color 71, 76.362, 328.989 looks on a white background.

Color Contrast Check

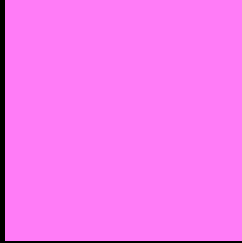
Large Text (above 18pt) WCAG AA × Fail

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 71, 76.362, 328.989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

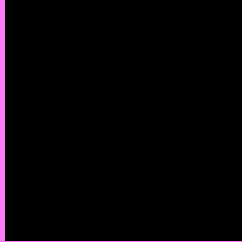
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 76.362, 328.989

Background



This preview shows how black text looks on a background with the CIELCh color 71, 76.362, 328.989.

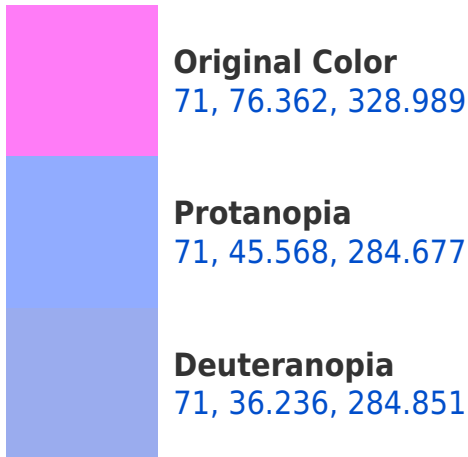


This preview shows how white text looks on a background with the CIELCh color 71, 76.362, 328.989.

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
71, 39.950, 15.129

Trichromacy



Original Color
71, 76.362, 328.989



Protanomaly
70, 54.707, 305.145



Deuteranomaly
70, 49.291, 308.445



Tritanomaly
71, 48.946, 350.260

Monochromacy



Original Color
71, 76.362, 328.989



Achromatopsia
72, 0.009, 296.813



Achromatomaly
71, 29.418, 327.491

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 76.362, 328.989 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, 124, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 247)  
}
```

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, 124, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 76.362, 328.989 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, 124, 247) }
```

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

```
.border{ border-color:rgb(255, 124, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 124, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 76.362, 328.989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 247) }
```

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

```
.background{ background-color: rgb(255,  
124, 247) }
```

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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