

Converting Colors

CIELCh(70, 72.469, 332.282)

Have a look what the booklet for
CIELCh(70, 72.469, 332.282)
contains.

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Color

CIELCh(70, 72.519, 332.426)

Conversions

Conversions Part 1

Format	Color
Hex	FE79E9
RGB	254, 121, 233
RGB Percent	100%, 47%, 91%
CMY	0.0029, 0.5245, 0.0853
CMYK	0.00, 0.52, 0.08, 0.00
HSL	309°, 99%, 74%
HSV	309°, 52%, 100%
XYZ	62.5764, 40.7494, 81.8409
YIQ	173.5350, 43.3160, 63.0280

Conversions

Conversions Part 2

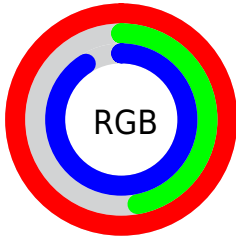
Format	Color
R _Y B	254, 121, 233
Decimal	16677353
CIE Lab	70.00, 64.28, -33.57
CIE LCh	70, 72.519, 332.426
Yxy	40.7494, 0.3379, 0.2201
Android (android.graphics.Color)	4294867433 (0xFFFE79E9)
YUV	173.5350, 29.3162, 70.5678
Hunter-Lab	63.8353, 63.2682, -31.3289

Details

The CIELCh color **70, 72.519, 332.426** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **90, 73.013, 144.361**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 48.201, 326.091**, and **50, 72.388, 332.518** is the 20% darker color. If you saturate the color by 10%, you get **66, 83.534, 333.091**, and if you desaturate by 10%, it is **75, 59.861, 331.768**.

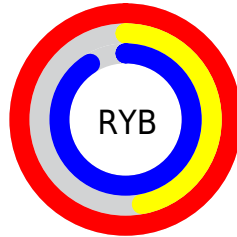
Distribution



Red (100%)

Green (47%)

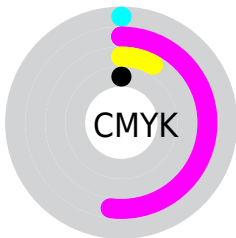
Blue (91%)



Red (100%)

Yellow (47%)

Blue (91%)

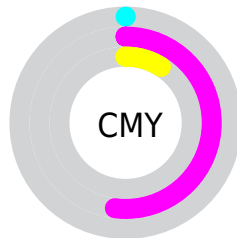


Cyan (0%)

Magenta (52%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 72.519, 332.426 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 70, 72.519, 332.426 by changing the saturation by 10% instead.


 70, 72.519,
332.426


 70, 72.519,
332.426


 100, 72.519,
332.426


 60, 72.519,
332.426


 90, 72.519,
332.426

 50, 72.519,
332.426

 40, 72.519,
332.426

 30, 72.519,
332.426

 20, 72.519,
332.426

 10, 72.519,
332.426

 0, 72.519, 332.426

70, 72.519,
332.426

70, 72.519,
332.426

66, 83.534,
333.091

75, 59.861,
331.768

63, 92.275,
333.770

80, 46.176,
331.115

60, 98.214,
334.479

86, 31.957,
330.470

59, 101.136,
335.243

92, 17.576,
329.833

58, 101.684,
335.879

98, 3.285, 329.135

100, 0.257,
201.964

Harmonies

Complementary

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



70, 72.519, 332.426



90, 73.013, 144.361

Rectangle

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



70, 72.519, 332.426



70, 72.519, 22.426



70, 72.519, 152.426



70, 72.519, 202.426

Sweetspot

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



70, 72.516, 332.426



90, 22.932, 330.068



59, 75.271, 301.776



47, 15.494, 330.199



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 72.516, 332.426



66, 84.409, 333.138



68, 55.246, 359.627



50, 8.120, 329.654



44, 82.253, 335.726



12, 38.399, 334.684

Inverse Universe

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



70, 72.516, 332.426



66, 84.409, 333.138



92, 48.691, 166.718



50, 8.120, 329.654



44, 82.253, 335.726



12, 38.399, 334.684

Previews

White Background



This preview shows how the CIELCh color 70, 72.519, 332.426 looks on a white background.

Color Contrast Check

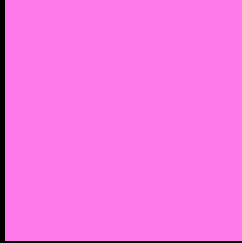
Large Text (above 18pt) WCAG AA × Fail

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 70, 72.519, 332.426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

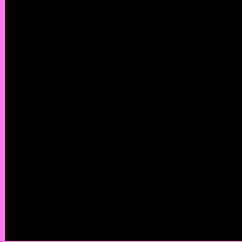
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 72.519, 332.426

Background



This preview shows how black text looks on a background with the CIELCh color 70, 72.519, 332.426.

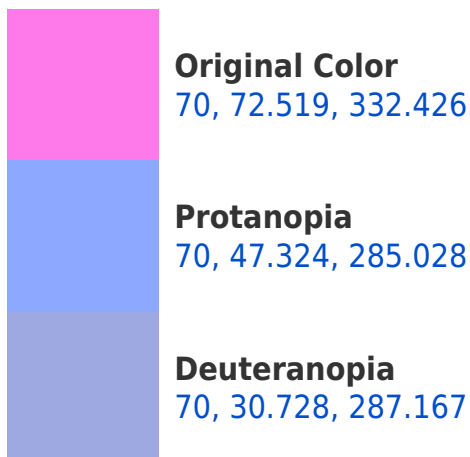


This preview shows how white text looks on a background with the CIELCh color 70, 72.519, 332.426.

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
70, 42.171, 16.615

Trichromacy



Original Color
70, 72.519, 332.426



Protanomaly
69, 53.194, 305.088



Deuteranomaly
69, 44.139, 312.435



Tritanomaly
70, 48.916, 354.089

Monochromacy



Original Color
70, 72.519, 332.426



Achromatopsia
71, 0.009, 296.813



Achromatomaly
70, 28.449, 330.124

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 72.519, 332.426 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(254, 121, 233)` looks like.

```
.text, #text, p{  
    color:rgb(254, 121, 233)  
}
```

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(254, 121, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 121, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 72.519, 332.426 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(254, 121, 233) }
```

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

```
.border{ border-color:rgb(254, 121, 233) }
```

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

Here you see how a box with a 4 pixel rgb(254, 121, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 121, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 121, 233);  
box-shadow:4px 4px 4px 4px rgb(254, 121,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 72.519, 332.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 121, 233) }
```

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

```
.background{ background-color: rgb(254,  
121, 233) }
```

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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