

Converting Colors

CIELCh(90, 92.531, 6.229)

Have a look what the booklet for
CIELCh(90, 92.531, 6.229) contains.

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Color

CIELCh(72, 57.981, 340.775)

Conversions

Conversions Part 1

Format	Color
Hex	FF88D5
RGB	255, 136, 213
RGB Percent	100%, 53%, 84%
CMY	0.0000, 0.4682, 0.1663
CMYK	0.00, 0.47, 0.17, 0.00
HSL	321°, 100%, 77%
HSV	321°, 47%, 100%
XYZ	62.1830, 43.6590, 67.8354
YIQ	180.3590, 46.2070, 49.1750

Conversions

Conversions Part 2

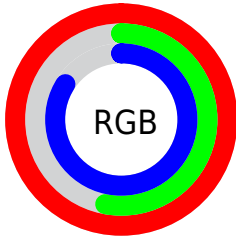
Format	Color
R _Y B	255, 136, 213
Decimal	16746709
CIE Lab	72.00, 54.75, -19.09
CIE LCh	72, 57.981, 340.775
Yxy	43.6590, 0.3580, 0.2514
Android (android.graphics.Color)	4294936789 (0xFFFF88D5)
YUV	180.3590, 16.0920, 65.4602
Hunter-Lab	66.0750, 52.3546, -14.6171

Details

The CIELCh color $72, 57.981, 340.775$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $92, 56.833, 152.074$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $85, 39.507, 325.796$, and $52, 57.864, 340.544$ is the 20% darker color. If you saturate the color by 10%, you get $67, 68.545, 341.719$, and if you desaturate by 10%, it is $77, 46.017, 339.584$.

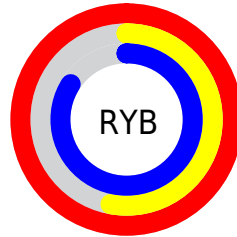
Distribution



Red (100%)

Green (53%)

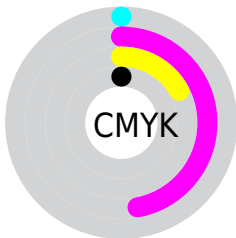
Blue (84%)



Red (100%)

Yellow (53%)

Blue (84%)

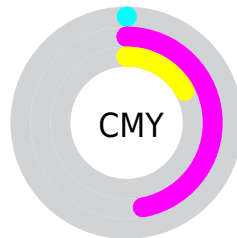


Cyan (0%)

Magenta (47%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 57.981, 340.775 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, 57.981, 340.775 by changing the saturation by 10% instead.


 72, 57.981,
340.775


 72, 57.981,
340.775


 100, 57.981,
340.775


 62, 57.981,
340.775


 92, 57.981,
340.775

 52, 57.981,
340.775

 42, 57.981,
340.775

 32, 57.981,
340.775

 22, 57.981,
340.775

 12, 57.981,
340.775

 2, 57.981, 340.775

■ 0, 57.981, 340.775

■ 72, 57.981,
340.775

■ 72, 57.981,
340.775

■ 67, 68.545,
341.719

■ 77, 46.017,
339.584

■ 63, 77.525,
343.032

■ 83, 33.610,
338.677

■ 60, 84.150,
344.598

■ 89, 21.002,
337.841

■ 58, 87.982,
346.514

■ 96, 8.452, 337.045

■ 56, 89.014,
348.889

100, 0.012,
296.813

■ 56, 89.016,
349.716

Harmonies

Complementary

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



72, 57.981, 340.775



92, 56.833, 152.074

Rectangle

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



72, 57.981, 340.775



72, 57.981, 30.775



72, 57.981, 160.775



72, 57.981, 210.775

Sweetspot

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



72, 57.835, 340.587



91, 17.442, 337.615



65, 67.362, 306.855



47, 12.060, 337.787



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, 57.835, 340.587



67, 67.718, 341.620



70, 48.271, 13.432



50, 7.058, 337.259



42, 71.934, 349.213



11, 33.924, 345.865

Inverse Universe

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



72, 57.835, 340.587



67, 67.718, 341.620



93, 38.001, 182.858



50, 7.058, 337.259



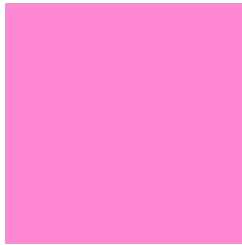
42, 71.934, 349.213



11, 33.924, 345.865

Previews

White Background



This preview shows how the CIELCh color 72, 57.981, 340.775 looks on a white background.

Color Contrast Check

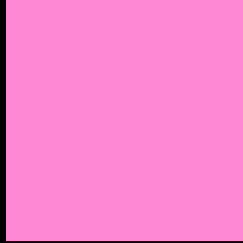
Large Text (above 18pt) WCAG AA × Fail

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, 57.981, 340.775 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, 57.981, 340.775

Background



This preview shows how black text looks on a background with the CIELCh color 72, 57.981, 340.775.



This preview shows how white text looks on a background with the CIELCh color 72, 57.981, 340.775.

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
72, 41.053, 15.457

Trichromacy



Original Color
72, 57.733, 340.463



Protanomaly
71, 39.968, 309.614



Deuteranomaly
71, 31.751, 325.143



Tritanomaly
72, 44.758, 359.684

Monochromacy



Original Color
72, 57.733, 340.463



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 22.032, 337.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 57.981, 340.775 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, 136, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 136, 213)  
}
```

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, 136, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 136, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 57.981, 340.775 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, 136, 213) }
```

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

```
.border{ border-color:rgb(255, 136, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 136, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 136, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 136, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 136,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 57.981, 340.775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 136, 213) }
```

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

```
.background{ background-color: rgb(255,  
136, 213) }
```

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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