

Converting Colors

CIELCh(72, 64.885, 333.717)

Have a look what the booklet for
CIELCh(72, 64.885, 333.717)
contains.

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Color

CIELCh(72, 64.920, 333.661)

Conversions

Conversions Part 1

Format	Color
Hex	FE85E6
RGB	254, 133, 230
RGB Percent	100%, 52%, 90%
CMY	0.0031, 0.4777, 0.0973
CMYK	0.00, 0.48, 0.09, 0.00
HSL	312°, 99%, 76%
HSV	312°, 48%, 100%
XYZ	63.6700, 43.6590, 80.0762
YIQ	180.2370, 40.9790, 55.8190

Conversions

Conversions Part 2

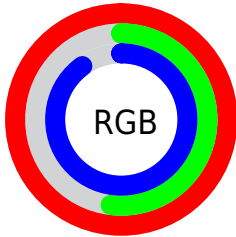
Format	Color
RYB	254, 133, 230
Decimal	16680422
CIELab	72.00, 58.18, -28.80
CIELCh	72, 64.920, 333.661
Yxy	43.6590, 0.3397, 0.2330
Android (android.graphics.Color)	4294870502 (0xFFFE85E6)
YUV	180.2370, 24.5332, 64.6902
Hunter-Lab	66.0750, 56.3718, -25.6010

Details

The CIELCh color **72, 64.920, 333.661** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **91, 64.987, 146.234**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 41.380, 325.860**, and **52, 64.721, 333.733** is the 20% darker color. If you saturate the color by 10%, you get **67, 76.481, 334.404**, and if you desaturate by 10%, it is **77, 52.046, 332.946**.

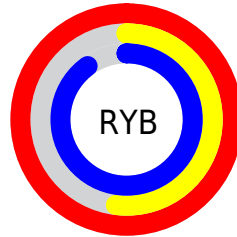
Distribution



Red (100%)

Green (52%)

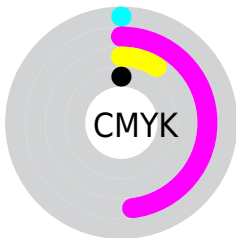
Blue (90%)



Red (100%)

Yellow (52%)

Blue (90%)

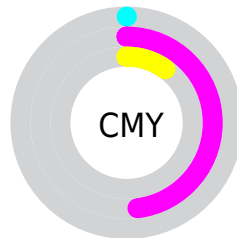


Cyan (0%)

Magenta (48%)

Yellow (9%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 64.920, 333.661 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, 64.920, 333.661 by changing the saturation by 10% instead.


 72, 64.920,
333.661


 72, 64.920,
333.661


 100, 64.920,
333.661


 62, 64.920,
333.661


 92, 64.920,
333.661

 52, 64.920,
333.661

 42, 64.920,
333.661

 32, 64.920,
333.661

 22, 64.920,
333.661

 12, 64.920,
333.661

 2, 64.920, 333.661

0, 64.920, 333.661

72, 64.920,
333.661

72, 64.920,
333.661

67, 76.481,
334.404

77, 52.046,
332.946

64, 86.100,
335.185

83, 38.424,
332.252

61, 93.166,
336.027

89, 24.478,
331.578

59, 97.280,
336.961

95, 10.514,
330.913

58, 98.493,
338.028

100, 0.277,
201.784

58, 98.558,
338.297

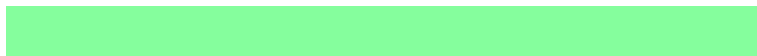
Harmonies

Complementary

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



72, 64.920, 333.661



91, 64.987, 146.234

Rectangle

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



72, 64.920, 333.661



72, 64.920, 23.661



72, 64.920, 153.661



72, 64.920, 203.661

Sweetspot

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



72, 64.917, 333.661



91, 19.485, 331.339



63, 67.972, 302.039



47, 13.466, 331.482



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, 64.917, 333.661



68, 76.021, 334.359



70, 49.929, 1.082



50, 7.892, 331.040



43, 79.774, 338.088



11, 37.365, 336.671

Inverse Universe

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



72, 64.917, 333.661



68, 76.021, 334.359



92, 43.639, 169.632



50, 7.892, 331.040



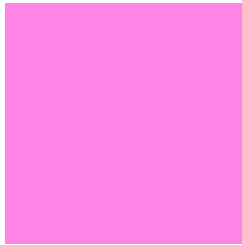
43, 79.774, 338.088



11, 37.365, 336.671

Previews

White Background



This preview shows how the CIELCh color 72, 64.920, 333.661 looks on a white background.

Color Contrast Check

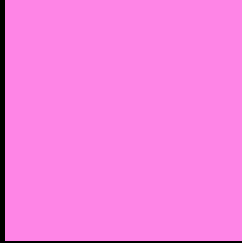
Large Text (above 18pt) WCAG AA × Fail

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, 64.920, 333.661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

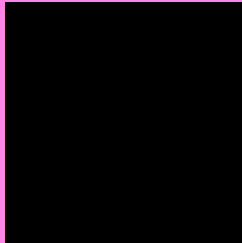
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 64.920, 333.661

Background



This preview shows how black text looks on a background with the CIELCh color 72, 64.920, 333.661.



This preview shows how white text looks on a background with the CIELCh color 72, 64.920, 333.661.

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, 64.920, 333.661

Protanopia

72, 44.287, 285.609

Deuteranopia

72, 27.247, 290.701



Tritanopia
72, 38.976, 14.751

Trichromacy



Original Color
72, 64.920, 333.661



Protanomaly
71, 48.645, 305.774



Deuteranomaly
71, 39.365, 314.667



Tritanomaly
72, 45.390, 353.978

Monochromacy



Original Color
72, 64.920, 333.661



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 24.936, 332.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 64.920, 333.661 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, 133, 230)` looks like.

```
.text, #text, p{  
    color:rgb(254, 133, 230)  
}
```

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, 133, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 133, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 64.920, 333.661 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, 133, 230) }
```

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

```
.border{ border-color:rgb(254, 133, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 133, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 133, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 133, 230);  
box-shadow:4px 4px 4px 4px rgb(254, 133,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 64.920, 333.661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 133, 230) }
```

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

```
.background{ background-color: rgb(254,  
133, 230) }
```

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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