

Converting Colors

CIELCh(72, 67.368, 331.765)

Have a look what the booklet for
CIELCh(72, 67.368, 331.765)
contains.

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Color

CIELCh(72, 67.680, 331.760)

Conversions

Conversions Part 1

Format	Color
Hex	FE84EC
RGB	254, 132, 236
RGB Percent	100%, 52%, 93%
CMY	0.0037, 0.4821, 0.0743
CMYK	0.00, 0.48, 0.07, 0.00
HSL	309°, 98%, 76%
HSV	309°, 48%, 100%
XYZ	64.3025, 43.6590, 84.4380
YIQ	180.3340, 39.3280, 58.2080

Conversions

Conversions Part 2

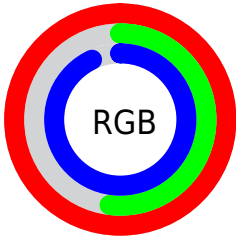
Format	Color
RYB	254, 132, 236
Decimal	16680172
CIELab	72.00, 59.62, -32.02
CIELCh	72, 67.680, 331.760
Yxy	43.6590, 0.3342, 0.2269
Android (android.graphics.Color)	4294870252 (0xFFFE84EC)
YUV	180.3340, 27.4433, 64.6051
Hunter-Lab	66.0750, 58.0805, -29.5149

Details

The CIELCh color $72, 67.680, 331.760$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $91, 67.946, 144.581$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $84, 42.003, 325.881$, and $52, 67.976, 331.714$ is the 20% darker color. If you saturate the color by 10%, you get $68, 79.550, 332.402$, and if you desaturate by 10%, it is $77, 54.430, 331.119$.

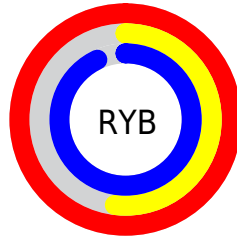
Distribution



Red (100%)

Green (52%)

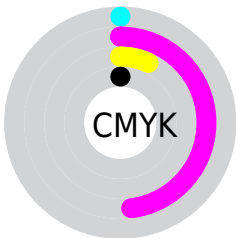
Blue (93%)



Red (100%)

Yellow (52%)

Blue (93%)

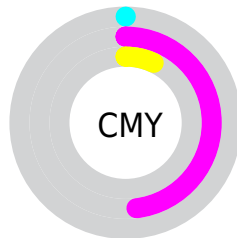


Cyan (0%)

Magenta (48%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 67.680, 331.760 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, 67.680, 331.760 by changing the saturation by 10% instead.


 72, 67.680,
331.760


 72, 67.680,
331.760


 100, 67.680,
331.760


 62, 67.680,
331.760


 92, 67.680,
331.760

 52, 67.680,
331.760

 42, 67.680,
331.760

 32, 67.680,
331.760

 22, 67.680,
331.760

 12, 67.680,
331.760

 2, 67.680, 331.760

■ 0, 67.680, 331.760

■ 72, 67.680,
331.760

■ 72, 67.680,
331.760

■ 68, 79.550,
332.402

■ 77, 54.430,
331.119

■ 64, 89.410,
333.047

■ 83, 40.375,
330.480

■ 61, 96.664,
333.704

■ 88, 25.957,
329.847

■ 59, 100.941,
334.392

■ 95, 11.494,
329.215

■ 58, 102.345,
335.137

■ 100, 0.338,
184.360

■ 58, 102.455,
335.289

■ 100, 0.326,
201.420

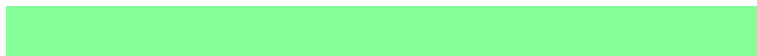
Harmonies

Complementary

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



72, 67.680, 331.760



91, 67.946, 144.581

Rectangle

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



72, 67.680, 331.760



72, 67.680, 21.760



72, 67.680, 151.760



72, 67.680, 201.760

Sweetspot

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



72, 67.677, 331.760



91, 20.194, 329.594



62, 68.540, 300.701



47, 13.955, 329.730



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, 67.677, 331.760



68, 79.762, 332.401



70, 51.121, 357.589



50, 8.180, 329.310



44, 82.914, 335.150



12, 38.672, 334.197

Inverse Universe

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



72, 67.677, 331.760



68, 79.762, 332.401



92, 45.849, 166.246



50, 8.180, 329.310



44, 82.914, 335.150



12, 38.672, 334.197

Previews

White Background



This preview shows how the CIELCh color 72, 67.680, 331.760 looks on a white background.

Color Contrast Check

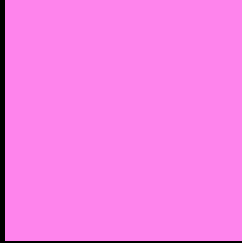
Large Text (above 18pt) WCAG AA × Fail

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, 67.680, 331.760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

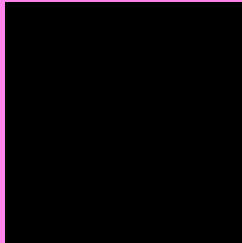
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 67.680, 331.760

Background



This preview shows how black text looks on a background with the CIELCh color 72, 67.680, 331.760.

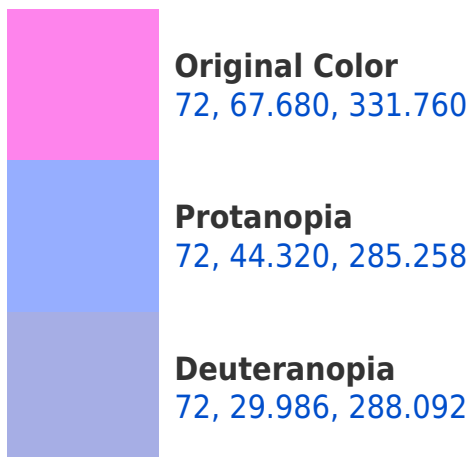


This preview shows how white text looks on a background with the CIELCh color 72, 67.680, 331.760.

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, 38.579, 14.616

Trichromacy



Original Color
72, 67.680, 331.760



Protanomaly
71, 49.642, 305.199



Deuteranomaly
71, 42.062, 311.741



Tritanomaly
72, 45.473, 352.437

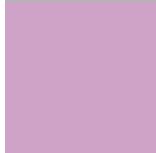
Monochromacy



Original Color
72, 67.680, 331.760



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 25.739, 330.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 67.680, 331.760 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, 132, 236)` looks like.

```
.text, #text, p{  
    color:rgb(254, 132, 236)  
}
```

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, 132, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 132, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 67.680, 331.760 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, 132, 236) }
```

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

```
.border{ border-color:rgb(254, 132, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 132, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 132, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 132, 236);  
box-shadow:4px 4px 4px 4px rgb(254, 132,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 67.680, 331.760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 132, 236) }
```

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

```
.background{ background-color: rgb(254,  
132, 236) }
```

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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