

Converting Colors

CIELCh(72, 51.559, 347.385)

Have a look what the booklet for
CIELCh(72, 51.559, 347.385)
contains.

CIELCh(72, 51.652, 347.621)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 51.652, 347.621)

Conversions

Conversions Part 1

Format	Color
Hex	FE8BC6
RGB	254, 139, 198
RGB Percent	100%, 55%, 78%
CMY	0.0036, 0.4545, 0.2232
CMYK	0.00, 0.45, 0.22, 0.00
HSL	329°, 98%, 77%
HSV	329°, 45%, 100%
XYZ	60.3547, 43.6590, 58.7233
YIQ	180.1110, 49.6010, 42.7290

Conversions

Conversions Part 2

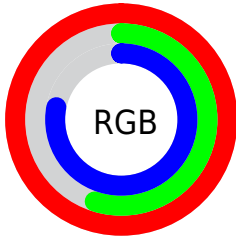
Format	Color
R_{YB}	254, 139, 198
Decimal	16681926
CIE _{Lab}	72.00, 50.45, -11.07
CIE _{LCh}	72, 51.652, 347.621
Yxy	43.6590, 0.3709, 0.2683
Android (android.graphics.Color)	4294872006 (0xFFFE8BC6)
YUV	180.1110, 8.8193, 64.8007
Hunter-Lab	66.0750, 47.4155, -6.4408

Details

The CIELCh color **72, 51.652, 347.621** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **92, 49.235, 158.298**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 37.631, 325.731**, and **52, 51.618, 347.727** is the 20% darker color. If you saturate the color by 10%, you get **67, 61.978, 349.130**, and if you desaturate by 10%, it is **78, 40.481, 346.343**.

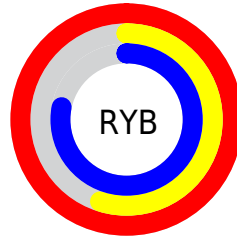
Distribution



Red (100%)

Green (55%)

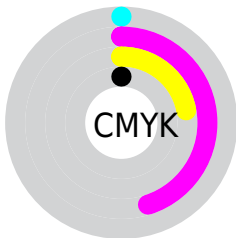
Blue (78%)



Red (100%)

Yellow (55%)

Blue (78%)

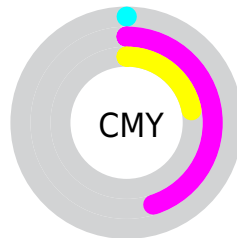


Cyan (0%)

Magenta (45%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 51.652, 347.621 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, 51.652, 347.621 by changing the saturation by 10% instead.


 72, 51.652,
347.621


 72, 51.652,
347.621


 100, 51.652,
347.621


 62, 51.652,
347.621


 92, 51.652,
347.621

 52, 51.652,
347.621

 42, 51.652,
347.621

 32, 51.652,
347.621

 22, 51.652,
347.621

 12, 51.652,
347.621

 2, 51.652, 347.621

0, 51.652, 347.621

72, 51.652,
347.621

72, 51.652,
347.621

67, 61.978,
349.130

78, 40.481,
346.343

63, 70.892,
350.957

84, 28.935,
345.231

59, 77.791,
353.227

90, 17.341,
344.241

57, 82.231,
356.097

96, 5.910, 343.308

55, 84.183,
359.727

100, 0.315,
201.492

55, 84.567, 1.674

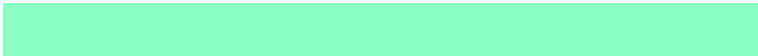
Harmonies

Complementary

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



72, 51.652, 347.621



92, 49.235, 158.298

Rectangle

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



72, 51.652, 347.621



72, 51.652, 37.621



72, 51.652, 167.621



72, 51.652, 217.621

Sweetspot

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



72, 51.649, 347.622



91, 15.935, 344.123



67, 65.474, 310.861



47, 11.025, 344.326



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, 51.649, 347.622



68, 60.916, 348.926



71, 47.394, 23.090



50, 6.439, 343.707



41, 68.403, 0.881



10, 31.997, 355.484

Inverse Universe

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



72, 51.649, 347.622



68, 60.916, 348.926



93, 34.431, 195.627



50, 6.439, 343.707



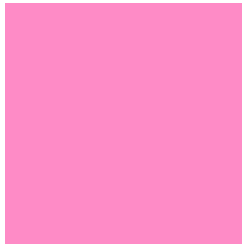
41, 68.403, 0.881



10, 31.997, 355.484

Previews

White Background



This preview shows how the CIELCh color 72, 51.652, 347.621 looks on a white background.

Color Contrast Check

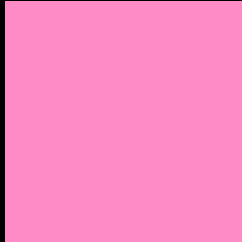
Large Text (above 18pt) WCAG AA × Fail

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, 51.652, 347.621 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, 51.652, 347.621

Background



This preview shows how black text looks on a background with the CIELCh color 72, 51.652, 347.621.

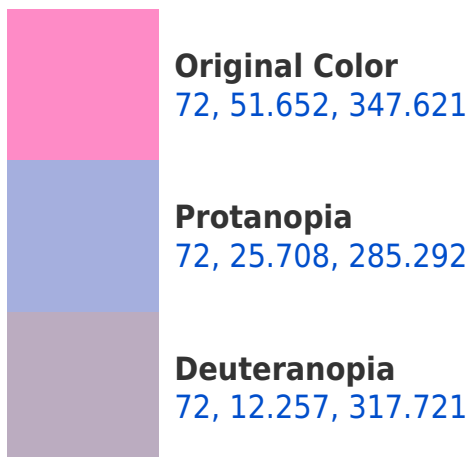


This preview shows how white text looks on a background with the CIELCh color 72, 51.652, 347.621.

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, 41.450, 15.582

Trichromacy



Original Color
72, 51.652, 347.621



Protanomaly
71, 30.539, 316.315



Deuteranomaly
71, 26.346, 337.443



Tritanomaly
72, 43.694, 3.459

Monochromacy



Original Color
72, 51.652, 347.621



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 19.747, 344.115

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 51.652, 347.621 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, 139, 198)` looks like.

```
.text, #text, p{  
    color:rgb(254, 139, 198)  
}
```

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, 139, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 139, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 51.652, 347.621 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, 139, 198) }
```

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

```
.border{ border-color:rgb(254, 139, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 139, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 139, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 139, 198);  
box-shadow:4px 4px 4px 4px rgb(254, 139,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 51.652, 347.621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 139, 198) }
```

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

```
.background{ background-color: rgb(254,  
139, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor