

Converting Colors

CIELCh(72, 54.698, 343.068)

Have a look what the booklet for
CIELCh(72, 54.698, 343.068)
contains.

CIELCh(72, 54.605, 343.050)	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, 54.605, 343.050)

Conversions

Conversions Part 1

Format	Color
Hex	FE8ACF
RGB	254, 138, 207
RGB Percent	100%, 54%, 81%
CMY	0.0047, 0.4595, 0.1889
CMYK	0.00, 0.46, 0.19, 0.00
HSL	324°, 98%, 77%
HSV	324°, 46%, 100%
XYZ	61.1085, 43.6590, 64.1254
YIQ	180.5500, 46.9870, 46.0510

Conversions

Conversions Part 2

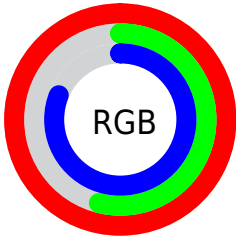
Format	Color
RYB	254, 138, 207
Decimal	16681679
CIELab	72.00, 52.23, -15.92
CIELCh	72, 54.605, 343.050
Yxy	43.6590, 0.3618, 0.2585
Android (android.graphics.Color)	4294871759 (0xFFFE8ACF)
YUV	180.5500, 13.0398, 64.4156
Hunter-Lab	66.0750, 49.4519, -11.2882

Details

The CIELCh color $72, 54.605, 343.050$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $92, 53.131, 154.362$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 38.257, 325.753$, and $52, 54.584, 342.872$ is the 20% darker color. If you saturate the color by 10%, you get $67, 65.179, 344.312$, and if you desaturate by 10%, it is $77, 43.048, 341.953$.

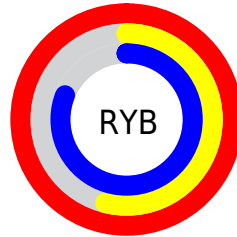
Distribution



Red (100%)

Green (54%)

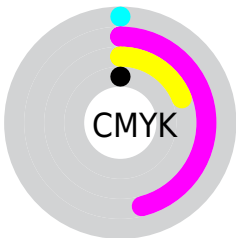
Blue (81%)



Red (100%)

Yellow (54%)

Blue (81%)

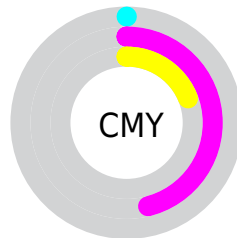


Cyan (0%)

Magenta (46%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 54.605, 343.050 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, 54.605, 343.050 by changing the saturation by 10% instead.


 72, 54.605,
343.050


 72, 54.605,
343.050


 100, 54.605,
343.050


 62, 54.605,
343.050


 92, 54.605,
343.050

 52, 54.605,
343.050

 42, 54.605,
343.050

 32, 54.605,
343.050

 22, 54.605,
343.050

 12, 54.605,
343.050

 2, 54.605, 343.050

■ 0, 54.605, 343.050

■ 72, 54.605,
343.050

■ 72, 54.605,
343.050

■ 67, 65.179,
344.312

■ 77, 43.048,
341.953

■ 63, 74.176,
345.800

■ 83, 31.007,
340.975

■ 60, 80.972,
347.607

■ 90, 18.836,
340.085

■ 57, 85.106,
349.852

■ 96, 6.772, 339.238

■ 56, 86.521,
352.667

100, 0.413,
200.984

■ 55, 86.599,
354.031

Harmonies

Complementary

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



72, 54.605, 343.050



92, 53.131, 154.362

Rectangle

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



72, 54.605, 343.050



72, 54.605, 33.050



72, 54.605, 163.050



72, 54.605, 213.050

Sweetspot

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



72, 54.602, 343.051



91, 16.844, 339.941



66, 65.616, 308.298



47, 11.649, 340.125



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, 54.602, 343.051



68, 64.730, 344.220



70, 47.037, 16.984



50, 6.812, 339.563



42, 70.203, 353.424



11, 33.069, 349.322

Inverse Universe

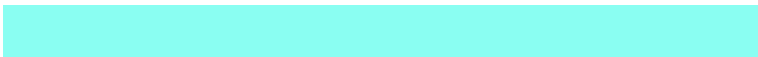
The Inverse Universe completely reimagines the original color for something new.



72, 54.602, 343.051



68, 64.730, 344.220



93, 36.012, 187.510



50, 6.812, 339.563



42, 70.203, 353.424



11, 33.069, 349.322

Previews

White Background



This preview shows how the CIELCh color 72, 54.605, 343.050 looks on a white background.

Color Contrast Check

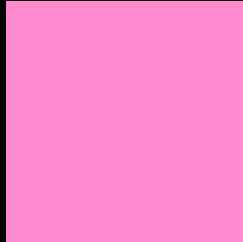
Large Text (above 18pt) WCAG AA × Fail

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, 54.605, 343.050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

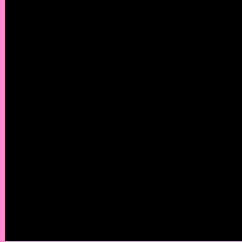
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 54.605, 343.050

Background



This preview shows how black text looks on a background with the CIELCh color 72, 54.605, 343.050.

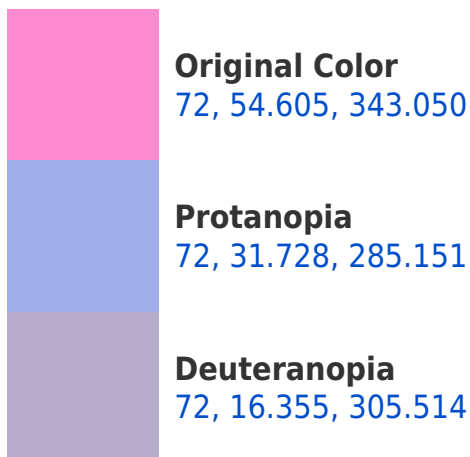


This preview shows how white text looks on a background with the CIELCh color 72, 54.605, 343.050.

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, 40.639, 16.055

Trichromacy



Original Color
72, 54.605, 343.050



Protanomaly
71, 35.938, 312.017



Deuteranomaly
72, 29.354, 329.342



Tritanomaly
72, 44.007, 1.411

Monochromacy



Original Color
72, 54.605, 343.050



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 20.706, 340.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 54.605, 343.050 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, 138, 207)` looks like.

```
.text, #text, p{  
    color:rgb(254, 138, 207)  
}
```

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, 138, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 138, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 54.605, 343.050 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, 138, 207) }
```

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

```
.border{ border-color:rgb(254, 138, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 138, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 138, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 138, 207);  
box-shadow:4px 4px 4px 4px rgb(254, 138,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 54.605, 343.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 138, 207) }
```

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

```
.background{ background-color: rgb(254,  
138, 207) }
```

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