

Converting Colors

CIELCh(81, 71.825, 357.637)

Have a look what the booklet for
CIELCh(81, 71.825, 357.637)
contains.

CIELCh(72, 54.867, 342.573)	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, 54.867, 342.573)

Conversions

Conversions Part 1

Format	Color
Hex	FE8AD0
RGB	254, 138, 208
RGB Percent	100%, 54%, 82%
CMY	0.0053, 0.4597, 0.1853
CMYK	0.00, 0.46, 0.18, 0.01
HSL	324°, 98%, 77%
HSV	324°, 46%, 99%
XYZ	61.1576, 43.6590, 64.7157
YIQ	180.6640, 46.6660, 46.3620

Conversions

Conversions Part 2

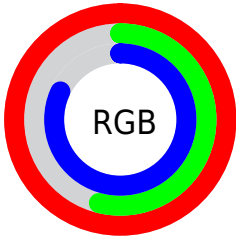
Format	Color
R_{YB}	254, 138, 208
Decimal	16681680
CIE _{Lab}	72.00, 52.35, -16.43
CIE _{LCh}	72, 54.867, 342.573
Yxy	43.6590, 0.3607, 0.2575
Android (android.graphics.Color)	4294871760 (0xFFFE8AD0)
YUV	180.6640, 13.4766, 64.3157
Hunter-Lab	66.0750, 49.5846, -11.8178

Details

The CIELCh color $72, 54.867, 342.573$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $91, 53.486, 153.969$, 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 $52, 54.880, 342.384$ is the 20% darker color. If you saturate the color by 10%, you get $67, 65.478, 343.808$, and if you desaturate by 10%, it is $77, 43.262, 341.496$.

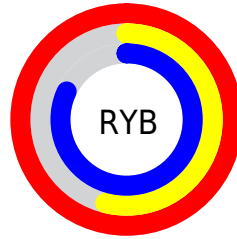
Distribution



Red (100%)

Green (54%)

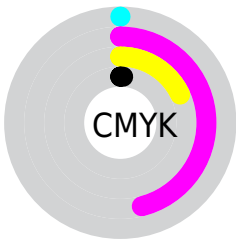
Blue (82%)



Red (100%)

Yellow (54%)

Blue (82%)

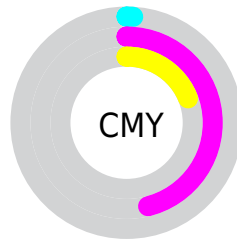


Cyan (0%)

Magenta (46%)

Yellow (18%)

Black (1%)



Cyan (1%)


Magenta (46%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 54.867, 342.573 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, 54.867, 342.573 by changing the saturation by 10% instead.


 72, 54.867,
342.573


 72, 54.867,
342.573


 100, 54.867,
342.573


 62, 54.867,
342.573


 92, 54.867,
342.573

 52, 54.867,
342.573

 42, 54.867,
342.573

 32, 54.867,
342.573

 22, 54.867,
342.573

 12, 54.867,
342.573

 2, 54.867, 342.573

0, 54.867, 342.573

72, 54.867,
342.573

72, 54.867,
342.573

67, 65.478,
343.808

77, 43.262,
341.496

63, 74.502,
345.259

83, 31.165,
340.533

60, 81.310,
347.015

89, 18.932,
339.654

57, 85.442,
349.190

96, 6.800, 338.816

56, 86.834,
351.913

100, 0.466,
200.798

55, 86.894,
353.235

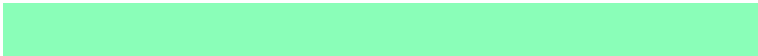
Harmonies

Complementary

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



72, 54.867, 342.573



91, 53.486, 153.969

Rectangle

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



72, 54.867, 342.573



72, 54.867, 32.573



72, 54.867, 162.573



72, 54.867, 212.573

Sweetspot

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



72, 54.864, 342.574



91, 16.949, 339.513



66, 65.493, 307.784



47, 11.720, 339.695



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, 54.864, 342.574



68, 65.070, 343.719



70, 46.914, 15.721



50, 6.855, 339.139



42, 70.479, 352.649



11, 33.212, 348.685

Inverse Universe

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



72, 54.864, 342.574



68, 65.070, 343.719



93, 36.333, 185.970



50, 6.855, 339.139



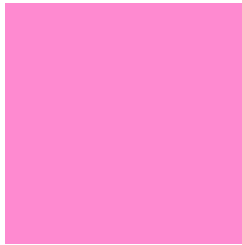
42, 70.479, 352.649



11, 33.212, 348.685

Previews

White Background



This preview shows how the CIELCh color 72, 54.867, 342.573 looks on a white background.

Color Contrast Check

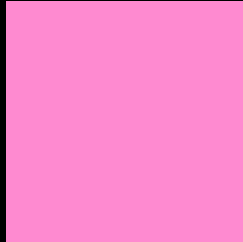
Large Text (above 18pt) WCAG AA × Fail

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, 54.867, 342.573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

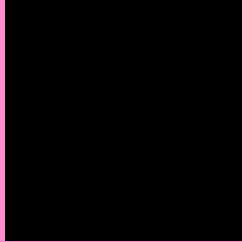
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 54.867, 342.573

Background



This preview shows how black text looks on a background with the CIELCh color 72, 54.867, 342.573.

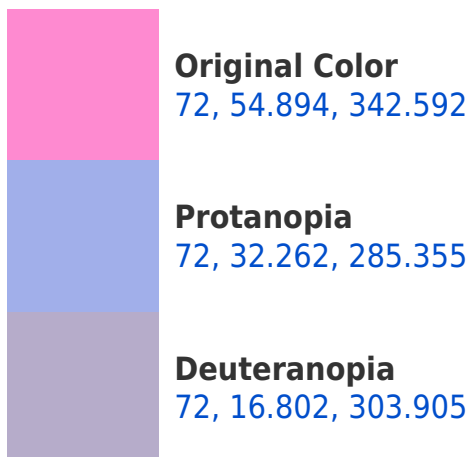


This preview shows how white text looks on a background with the CIELCh color 72, 54.867, 342.573.

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, 40.610, 15.302

Trichromacy



Original Color
72, 54.894, 342.592



Protanomaly
71, 36.445, 311.747



Deuteranomaly
71, 29.566, 328.088



Tritanomaly
72, 44.125, 0.735

Monochromacy



Original Color
72, 54.894, 342.592



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, 54.867, 342.573 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(254, 138, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 138, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 54.867, 342.573 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, 208) }
```

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

```
.border{ border-color:rgb(254, 138, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 138, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 138, 208);  
box-shadow:4px 4px 4px 4px rgb(254, 138,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 54.867, 342.573 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, 208) }
```

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

```
.background{ background-color: rgb(254,  
138, 208) }
```

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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