

Converting Colors

CIELCh(78, 64.100, 4.858)

Have a look what the booklet for
CIELCh(78, 64.100, 4.858) contains.

CIELCh(72, 49.198, 355.077)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(72, 49.198, 355.077)

Conversions

Conversions Part 1

Format	Color
Hex	FF8CBA
RGB	255, 140, 186
RGB Percent	100%, 55%, 73%
CMY	0.0000, 0.4518, 0.2714
CMYK	0.00, 0.45, 0.27, 0.00
HSL	336°, 100%, 77%
HSV	336°, 45%, 100%
XYZ	59.7523, 43.6590, 51.6172
YIQ	179.6290, 53.7740, 38.6860

Conversions

Conversions Part 2

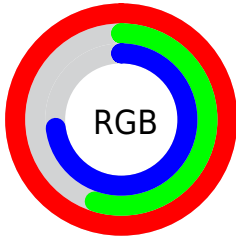
Format	Color
R_{YB}	255, 140, 186
Decimal	16747706
CIE _{Lab}	72.00, 49.02, -4.22
CIE _{LCh}	72, 49.198, 355.077
Yxy	43.6590, 0.3854, 0.2816
Android (android.graphics.Color)	4294937786 (0xFFFF8CBA)
YUV	179.6290, 3.1409, 66.1004
Hunter-Lab	66.0750, 45.7881, -0.0643

Details

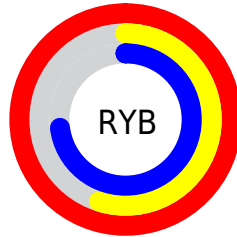
The CIELCh color $72, 49.198, 355.077$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $92, 44.772, 164.607$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 31.806, 332.759$, and $52, 49.052, 354.773$ is the 20% darker color. If you saturate the color by 10%, you get $67, 59.103, 356.709$, and if you desaturate by 10%, it is $78, 38.104, 353.302$.

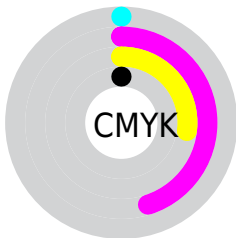
Distribution



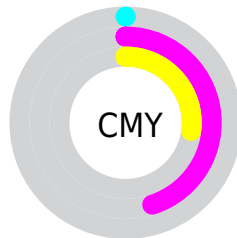
- Red (100%)
- Green (55%)
- Blue (73%)



- Red (100%)
- Yellow (55%)
- Blue (73%)



- Cyan (0%)
- Magenta (45%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (45%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 49.198, 355.077 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, 49.198, 355.077 by changing the saturation by 10% instead.


 72, 49.198,
355.077

 72, 49.198,
355.077


 100, 49.198,
355.077

 62, 49.198,
355.077


 92, 49.198,
355.077

 52, 49.198,
355.077

 42, 49.198,
355.077

 32, 49.198,
355.077

 22, 49.198,
355.077

 12, 49.198,
355.077

 2, 49.198, 355.077

0, 49.198, 355.077

72, 49.198,
355.077

72, 49.198,
355.077

67, 59.103,
356.709

78, 38.104,
353.302

62, 68.121,
359.030

84, 27.073,
352.001

59, 75.428, 1.967

90, 16.115,
350.871

56, 80.653, 5.707

97, 5.412, 349.828

55, 83.858, 10.388

100, 0.012,
296.813

54, 85.020, 12.895

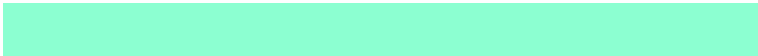
Harmonies

Complementary

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



72, 49.198, 355.077



92, 44.772, 164.607

Rectangle

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



72, 49.198, 355.077



72, 49.198, 45.077



72, 49.198, 175.077



72, 49.198, 225.077

Sweetspot

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



72, 48.921, 354.842



91, 14.841, 350.747



69, 66.362, 314.520



47, 10.278, 350.976



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, 48.921, 354.842



67, 57.955, 356.469



73, 43.998, 31.298



50, 5.985, 350.282



41, 68.335, 11.882



10, 31.300, 4.854

Inverse Universe

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



72, 48.921, 354.842



67, 57.955, 356.469



90, 31.095, 208.740



50, 5.985, 350.282



41, 68.335, 11.882



10, 31.300, 4.854

Previews

White Background



This preview shows how the CIELCh color 72, 49.198, 355.077 looks on a white background.

Color Contrast Check

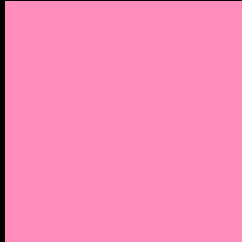
Large Text (above 18pt) WCAG AA × Fail

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, 49.198, 355.077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

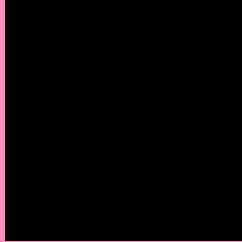
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 49.198, 355.077

Background



This preview shows how black text looks on a background with the CIELCh color 72, 49.198, 355.077.



This preview shows how white text looks on a background with the CIELCh color 72, 49.198, 355.077.

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, 48.853, 354.778

Protanopia

72, 18.020, 286.450

Deuteranopia

72, 9.328, 348.618



Tritanopia
72, 43.136, 16.126

Trichromacy



Original Color
72, 48.853, 354.778



Protanomaly
71, 25.137, 326.192



Deuteranomaly
72, 23.966, 351.973



Tritanomaly
72, 44.467, 7.566

Monochromacy



Original Color
72, 48.853, 354.778



Achromatopsia
73, 0.009, 296.813



Achromatomaly
72, 18.131, 352.571

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 49.198, 355.077 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(255, 140, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 186)  
}
```

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(255, 140, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 49.198, 355.077 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(255, 140, 186) }
```

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

```
.border{ border-color:rgb(255, 140, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 140, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 140, 186); box-shadow:4px 4px 4px 4px rgb(255, 140, 186) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 49.198, 355.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 186) }
```

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

```
.background{ background-color: rgb(255,  
140, 186) }
```

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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