

Converting Colors

CIELCh(74, 49.247, 333.301)

Have a look what the booklet for
CIELCh(74, 49.247, 333.301)
contains.

CIELCh(74, 49.059, 333.395)	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(74, 49.059, 333.395)

Conversions

Conversions Part 1

Format	Color
Hex	F298DF
RGB	242, 152, 223
RGB Percent	95%, 60%, 87%
CMY	0.0507, 0.4036, 0.1252
CMYK	0.00, 0.37, 0.08, 0.05
HSL	313°, 78%, 77%
HSV	313°, 37%, 95%
XYZ	61.2157, 46.7039, 75.6556
YIQ	187.0040, 30.8490, 41.1610

Conversions

Conversions Part 2

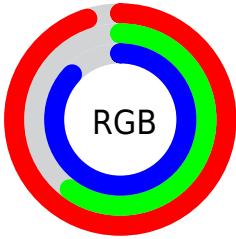
Format	Color
R _Y B	242, 152, 223
Decimal	15898847
CIE Lab	74.00, 43.86, -21.97
CIE LCh	74, 49.059, 333.395
Yxy	46.7039, 0.3335, 0.2544
Android (android.graphics.Color)	4294088927 (0xFFFF298DF)
YUV	187.0040, 17.7460, 48.2315
Hunter-Lab	68.3403, 40.2955, -17.7983

Details

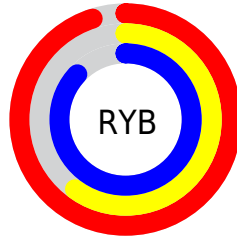
The CIELCh color $74, 49.059, 333.395$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $89, 48.858, 147.873$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 29.467, 325.450$, and $54, 49.000, 333.099$ is the 20% darker color. If you saturate the color by 10%, you get $69, 61.379, 334.128$, and if you desaturate by 10%, it is $79, 36.046, 332.690$.

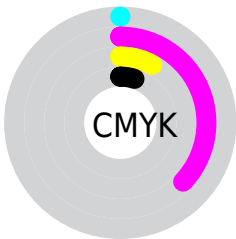
Distribution



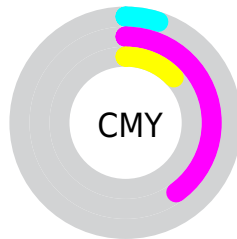
- Red (95%)
- Green (60%)
- Blue (87%)



- Red (95%)
- Yellow (60%)
- Blue (87%)



- Cyan (0%)
- Magenta (37%)
- Yellow (8%)
- Black (5%)



- Cyan (5%)
- Magenta (40%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 49.059, 333.395 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 74, 49.059, 333.395 by changing the saturation by 10% instead.

 74, 49.059,
333.395

 74, 49.059,
333.395

 100, 49.059,
333.395


 64, 49.059,
333.395


 94, 49.059,
333.395

 54, 49.059,
333.395

 44, 49.059,
333.395

 34, 49.059,
333.395

 24, 49.059,
333.395

 14, 49.059,
333.395

 4, 49.059, 333.395

0, 49.059, 333.395

74, 49.059,
333.395

74, 49.059,
333.395

69, 61.379,
334.128

79, 36.046,
332.690

65, 72.491,
334.894

85, 22.750,
332.007

61, 81.785,
335.707

91, 9.451, 331.334

58, 88.673,
336.591

97, 3.666, 150.848

56, 92.750,
337.583

99, 5.579, 163.712

55, 94.026,
338.725

99, 4.519, 191.140

99, 4.455, 199.272

■ 55, 94.115,
339.066

Harmonies

Complementary

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



74, 49.059, 333.395



89, 48.858, 147.873

Rectangle

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



74, 49.059, 333.395



74, 49.059, 23.395



74, 49.059, 153.395



74, 49.059, 203.395

Sweetspot

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



74, 49.056, 333.395



93, 15.146, 331.595



68, 50.105, 301.275



49, 10.185, 331.686



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74, 49.056, 333.395



73, 61.295, 333.975



73, 37.140, 0.396



47, 7.433, 331.490



42, 76.695, 338.836



9, 34.219, 337.064

Inverse Universe

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



74, 49.056, 333.395



73, 61.295, 333.975



89, 33.200, 172.140



47, 7.433, 331.490



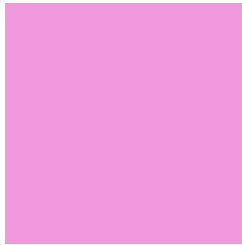
42, 76.695, 338.836



9, 34.219, 337.064

Previews

White Background



This preview shows how the CIELCh color 74, 49.059, 333.395 looks on a white background.

Color Contrast Check

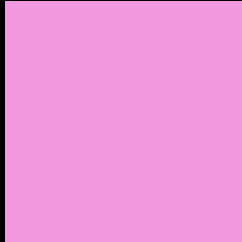
Large Text (above 18pt) WCAG AA × Fail

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 74, 49.059, 333.395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

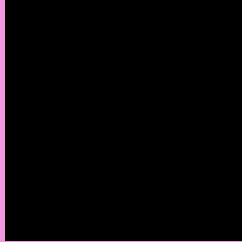
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 49.059, 333.395

Background



This preview shows how black text looks on a background with the CIELCh color 74, 49.059, 333.395.

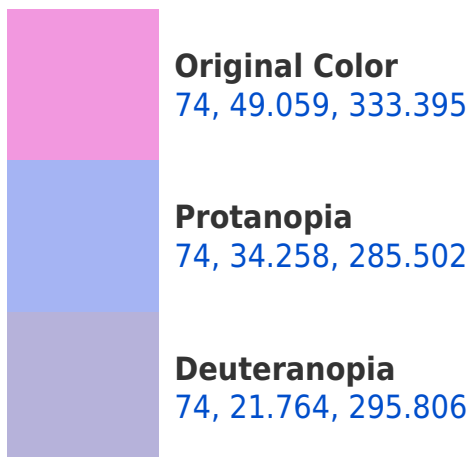


This preview shows how white text looks on a background with the CIELCh color 74, 49.059, 333.395.

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
74, 29.459, 9.691

Trichromacy



Original Color
74, 49.059, 333.395



Protanomaly
74, 36.777, 305.337



Deuteranomaly
74, 30.337, 316.283

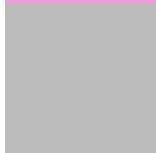


Tritanomaly
74, 34.850, 351.418

Monochromacy



Original Color
74, 49.059, 333.395



Achromatopsia
76, 0.009, 296.813



Achromatomaly
75, 18.569, 331.950

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 49.059, 333.395 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(242, 152, 223)` looks like.

```
.text, #text, p{  
    color:rgb(242, 152, 223)  
}
```

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(242, 152, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 152, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 49.059, 333.395 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(242, 152, 223) }
```

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

```
.border{ border-color:rgb(242, 152, 223) }
```

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

Here you see how a box with a 4 pixel rgb(242, 152, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 152, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 152, 223);  
box-shadow:4px 4px 4px 4px rgb(242, 152,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 49.059, 333.395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 152, 223) }
```

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

```
.background{ background-color: rgb(242,  
152, 223) }
```

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