

Converting Colors

CIELCh(74, 44.243, 338.514)

Have a look what the booklet for
CIELCh(74, 44.243, 338.514)
contains.

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Color

CIELCh(74, 44.310, 338.332)

Conversions

Conversions Part 1

Format	Color
Hex	F29AD5
RGB	242, 154, 213
RGB Percent	95%, 60%, 84%
CMY	0.0516, 0.3967, 0.1653
CMYK	0.00, 0.36, 0.12, 0.05
HSL	320°, 77%, 78%
HSV	320°, 36%, 95%
XYZ	60.0806, 46.7039, 68.6930
YIQ	187.0380, 33.5090, 37.0050

Conversions

Conversions Part 2

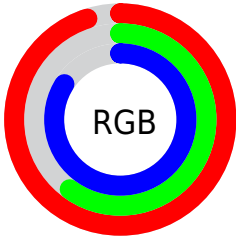
Format	Color
RYB	242, 154, 213
Decimal	15899349
CIELab	74.00, 41.18, -16.36
CIELCh	74, 44.310, 338.332
Yxy	46.7039, 0.3424, 0.2662
Android (android.graphics.Color)	4294089429 (0xFFFF29AD5)
YUV	187.0380, 12.7993, 48.2017
Hunter-Lab	68.3403, 37.3309, -11.7578

Details

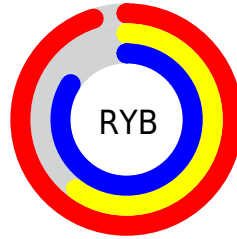
The CIELCh color **74, 44.310, 338.332** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **89, 43.667, 152.319**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 28.208, 325.407**, and **54, 44.094, 338.309** is the 20% darker color. If you saturate the color by 10%, you get **69, 55.835, 339.274**, and if you desaturate by 10%, it is **80, 32.218, 337.471**.

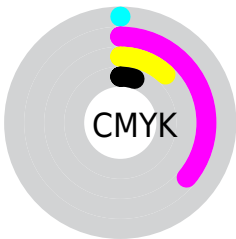
Distribution



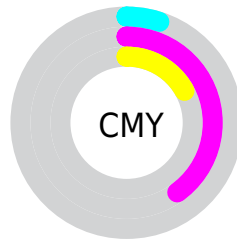
- Red (95%)
- Green (60%)
- Blue (84%)



- Red (95%)
- Yellow (60%)
- Blue (84%)



- Cyan (0%)
- Magenta (36%)
- Yellow (12%)
- Black (5%)



- Cyan (5%)
- Magenta (40%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 44.310, 338.332 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, 44.310, 338.332 by changing the saturation by 10% instead.


 74, 44.310,
338.332

 74, 44.310,
338.332


 100, 44.310,
338.332


 64, 44.310,
338.332


 94, 44.310,
338.332

 54, 44.310,
338.332

 44, 44.310,
338.332

 34, 44.310,
338.332

 24, 44.310,
338.332

 14, 44.310,
338.332

 4, 44.310, 338.332

0, 44.310, 338.332

74, 44.310,
338.332

74, 44.310,
338.332

69, 55.835,
339.274

80, 32.218,
337.471

64, 66.310,
340.323

85, 19.935,
336.671

60, 75.138,
341.521

91, 7.707, 335.900

98, 4.308, 155.355

57, 81.718,
342.930

99, 4.723, 184.799

55, 85.613,
344.632

99, 4.539, 199.263

54, 86.773,
346.723

■ 53, 86.802,
347.554

Harmonies

Complementary

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



74, 44.310, 338.332



89, 43.667, 152.319

Rectangle

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



74, 44.310, 338.332



74, 44.310, 28.332



74, 44.310, 158.332



74, 44.310, 208.332

Sweetspot

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



74, 44.307, 338.333



93, 13.922, 336.259



69, 49.304, 304.938



49, 9.364, 336.363



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, 44.307, 338.333



73, 55.490, 339.053



73, 35.333, 8.891



47, 6.831, 336.140



41, 70.837, 347.107



9, 31.821, 343.694

Inverse Universe

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



74, 44.307, 338.333



73, 55.490, 339.053



90, 29.998, 181.123



47, 6.831, 336.140



41, 70.837, 347.107



9, 31.821, 343.694

Previews

White Background



This preview shows how the CIELCh color 74, 44.310, 338.332 looks on a white background.

Color Contrast Check

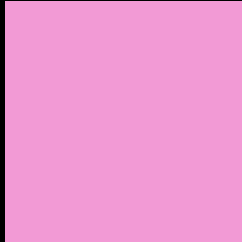
Large Text (above 18pt) WCAG AA × Fail

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, 44.310, 338.332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

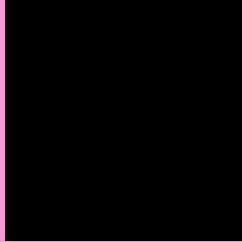
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 44.310, 338.332

Background



This preview shows how black text looks on a background with the CIELCh color 74, 44.310, 338.332.

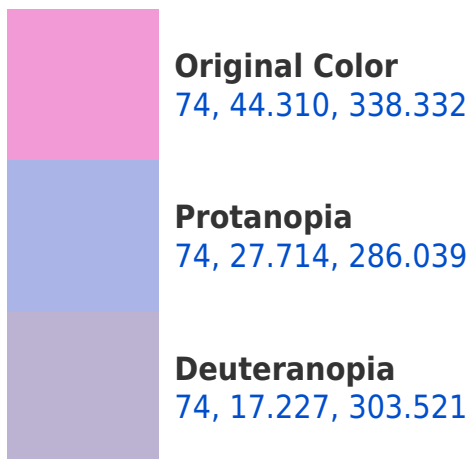


This preview shows how white text looks on a background with the CIELCh color 74, 44.310, 338.332.

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, 30.316, 9.124

Trichromacy



Original Color
74, 44.310, 338.332



Protanomaly
73, 30.783, 309.596



Deuteranomaly
74, 26.292, 324.128

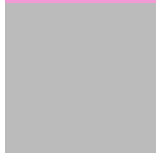


Tritanomaly
74, 34.346, 355.013

Monochromacy



Original Color
74, 44.310, 338.332



Achromatopsia
76, 0.009, 296.813



Achromatomaly
75, 16.406, 337.211

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 44.310, 338.332 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, 154, 213)` looks like.

```
.text, #text, p{  
    color:rgb(242, 154, 213)  
}
```

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, 154, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 154, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 44.310, 338.332 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, 154, 213) }
```

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

```
.border{ border-color:rgb(242, 154, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 154, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 154, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 154, 213);  
box-shadow:4px 4px 4px 4px rgb(242, 154,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 44.310, 338.332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 154, 213) }
```

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

```
.background{ background-color: rgb(242,  
154, 213) }
```

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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