

Converting Colors

CIELCh(74, 59.560, 333.456)

Have a look what the booklet for
CIELCh(74, 59.560, 333.456)
contains.

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Color

CIELCh(74, 59.410, 333.413)

Conversions

Conversions Part 1

Format	Color
Hex	FE90E8
RGB	254, 144, 232
RGB Percent	100%, 56%, 91%
CMY	0.0050, 0.4362, 0.0912
CMYK	0.00, 0.43, 0.09, 0.00
HSL	312°, 98%, 78%
HSV	312°, 43%, 100%
XYZ	65.2406, 46.7039, 81.7292
YIQ	186.9220, 37.3120, 50.6880

Conversions

Conversions Part 2

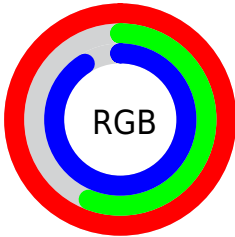
Format	Color
R_{YB}	254, 144, 232
Decimal	16683240
CIE _{Lab}	74.00, 53.13, -26.59
CIE _{LCh}	74, 59.410, 333.413
Yxy	46.7039, 0.3369, 0.2411
Android (android.graphics.Color)	4294873320 (0xFFFE90E8)
YUV	186.9220, 22.2235, 58.8274
Hunter-Lab	68.3403, 50.8083, -23.0677

Details

The CIELCh color **74, 59.410, 333.413** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **91, 59.328, 146.798**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 34.496, 325.624**, and **54, 59.144, 333.361** is the 20% darker color. If you saturate the color by 10%, you get **69, 71.573, 334.146**, and if you desaturate by 10%, it is **79, 46.188, 332.705**.

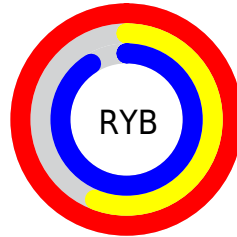
Distribution



Red (100%)

Green (56%)

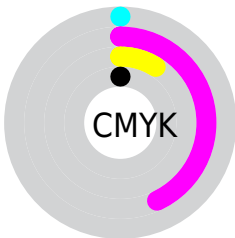
Blue (91%)



Red (100%)

Yellow (56%)

Blue (91%)

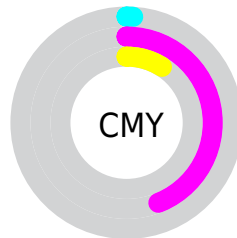


Cyan (0%)

Magenta (43%)

Yellow (9%)

Black (0%)



Cyan (1%)


Magenta (44%)


Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 59.410, 333.413 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, 59.410, 333.413 by changing the saturation by 10% instead.


 74, 59.410,
333.413

 74, 59.410,
333.413


 100, 59.410,
333.413


 64, 59.410,
333.413


 94, 59.410,
333.413

 54, 59.410,
333.413

 44, 59.410,
333.413

 34, 59.410,
333.413

 24, 59.410,
333.413

 14, 59.410,
333.413

 4, 59.410, 333.413

■ 0, 59.410, 333.413

■ 74, 59.410,
333.413

■ 74, 59.410,
333.413

■ 69, 71.573,
334.146

■ 79, 46.188,
332.705

■ 65, 82.075,
334.913

■ 85, 32.417,
332.019

■ 62, 90.275,
335.731

■ 91, 18.469,
331.350

■ 59, 95.659,
336.628

■ 97, 4.599, 330.655

■ 58, 98.044,
337.644

100, 0.439,
200.885

■ 57, 98.307,
338.393

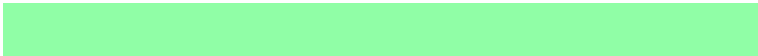
Harmonies

Complementary

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



74, 59.410, 333.413



91, 59.328, 146.798

Rectangle

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



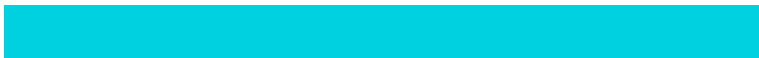
74, 59.410, 333.413



74, 59.410, 23.413



74, 59.410, 153.413



74, 59.410, 203.413

Sweetspot

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



74, 59.407, 333.413



92, 18.064, 331.328



66, 61.339, 301.500



48, 12.654, 331.474



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, 59.407, 333.413



70, 70.302, 334.047



72, 45.382, 0.275



50, 7.883, 331.095



43, 79.682, 338.183



11, 37.326, 336.750

Inverse Universe

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



74, 59.407, 333.413



70, 70.302, 334.047



92, 40.130, 170.197



50, 7.883, 331.095



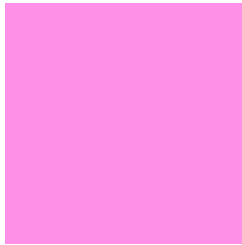
43, 79.682, 338.183



11, 37.326, 336.750

Previews

White Background



This preview shows how the CIELCh color 74, 59.410, 333.413 looks on a white background.

Color Contrast Check

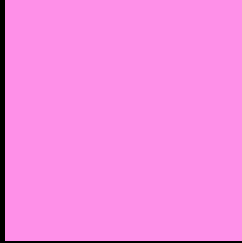
Large Text (above 18pt) WCAG AA × Fail

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, 59.410, 333.413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

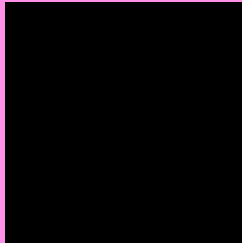
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 59.410, 333.413

Background



This preview shows how black text looks on a background with the CIELCh color 74, 59.410, 333.413.

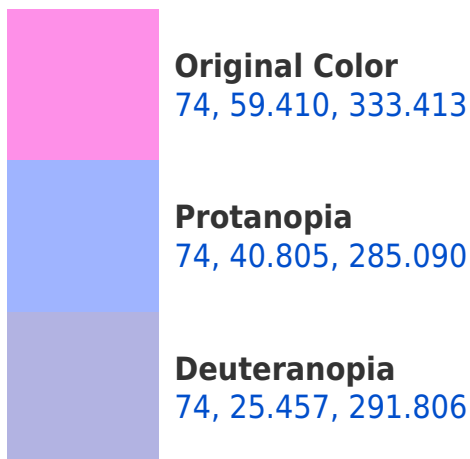


This preview shows how white text looks on a background with the CIELCh color 74, 59.410, 333.413.

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, 35.485, 12.555

Trichromacy



Original Color
74, 59.410, 333.413



Protanomaly
73, 44.407, 304.890



Deuteranomaly
74, 36.429, 315.146



Tritanomaly
74, 41.683, 352.984

Monochromacy



Original Color
74, 59.410, 333.413



Achromatopsia
76, 0.009, 296.813



Achromatomaly
74, 22.646, 331.712

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 59.410, 333.413 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, 144, 232)` looks like.

```
.text, #text, p{  
    color:rgb(254, 144, 232)  
}
```

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, 144, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 144, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 59.410, 333.413 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, 144, 232) }
```

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

```
.border{ border-color:rgb(254, 144, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 144, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 144, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 144, 232);  
box-shadow:4px 4px 4px 4px rgb(254, 144,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 59.410, 333.413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 144, 232) }
```

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

```
.background{ background-color: rgb(254,  
144, 232) }
```

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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