

Converting Colors

CIELCh(83, 66.223, 8.742)

Have a look what the booklet for
CIELCh(83, 66.223, 8.742) contains.

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Color

CIELCh(74, 43.941, 355.110)

Conversions

Conversions Part 1

Format	Color
Hex	FE96BE
RGB	254, 150, 190
RGB Percent	100%, 59%, 75%
CMY	0.0034, 0.4109, 0.2541
CMYK	0.00, 0.41, 0.25, 0.00
HSL	337°, 98%, 79%
HSV	337°, 41%, 100%
XYZ	61.1802, 46.7039, 54.6248
YIQ	185.6560, 49.1440, 34.4880

Conversions

Conversions Part 2

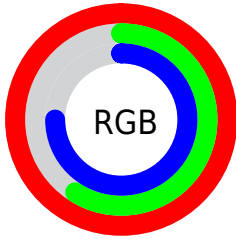
Format	Color
R_{YB}	254, 150, 190
Decimal	16684734
CIE _{Lab}	74.00, 43.78, -3.75
CIE _{LCh}	74, 43.941, 355.110
Yxy	46.7039, 0.3765, 0.2874
Android (android.graphics.Color)	4294874814 (0xFFFE96BE)
YUV	185.6560, 2.1416, 59.9377
Hunter-Lab	68.3403, 40.2029, 0.4473

Details

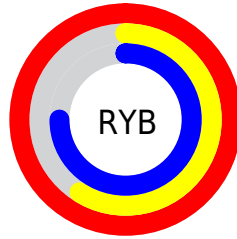
The CIELCh color **74, 43.941, 355.110** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **93, 40.288, 166.058**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 27.080, 331.161**, and **54, 43.786, 354.986** is the 20% darker color. If you saturate the color by 10%, you get **69, 54.409, 356.863**, and if you desaturate by 10%, it is **80, 33.056, 353.657**.

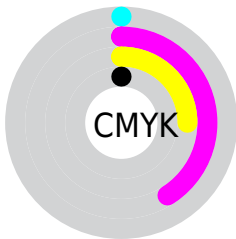
Distribution



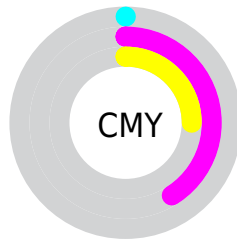
- Red (100%)
- Green (59%)
- Blue (75%)



- Red (100%)
- Yellow (59%)
- Blue (75%)



- Cyan (0%)
- Magenta (41%)
- Yellow (25%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 43.941, 355.110 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, 43.941, 355.110 by changing the saturation by 10% instead.


 74, 43.941,
355.110


 74, 43.941,
355.110


 100, 43.941,
355.110


 64, 43.941,
355.110


 94, 43.941,
355.110

 54, 43.941,
355.110

 44, 43.941,
355.110

 34, 43.941,
355.110

 24, 43.941,
355.110

 14, 43.941,
355.110

 4, 43.941, 355.110

■ 0, 43.941, 355.110

■ 74, 43.941,
355.110

■ 74, 43.941,
355.110

■ 69, 54.409,
356.863

■ 80, 33.056,
353.657

■ 64, 63.989,
359.023

■ 86, 22.119,
352.418

■ 60, 72.132, 1.743

■ 93, 11.361,
351.329

■ 57, 78.372, 5.206

■ 99, 0.919, 349.855

■ 55, 82.567, 9.579

■ 100, 0.300,
201.598

■ 54, 85.101, 14.303

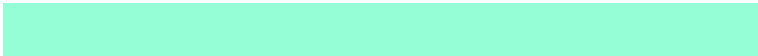
Harmonies

Complementary

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



74, 43.941, 355.110



93, 40.288, 166.058

Rectangle

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



74, 43.941, 355.110



74, 43.941, 45.110



74, 43.941, 175.110



74, 43.941, 225.110

Sweetspot

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



74, 43.938, 355.112



92, 12.576, 351.445



72, 59.843, 314.329



48, 8.359, 351.583



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, 43.938, 355.112



70, 52.626, 356.506



75, 39.062, 30.822



50, 5.934, 351.186



41, 68.540, 13.282



10, 31.284, 6.084

Inverse Universe

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



74, 43.938, 355.112



70, 52.626, 356.506



91, 28.691, 208.608



50, 5.934, 351.186



41, 68.540, 13.282



10, 31.284, 6.084

Previews

White Background



This preview shows how the CIELCh color 74, 43.941, 355.110 looks on a white background.

Color Contrast Check

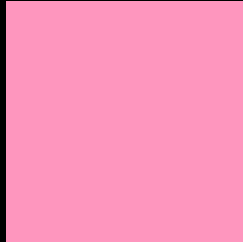
Large Text (above 18pt) WCAG AA × Fail

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, 43.941, 355.110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

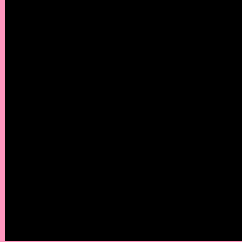
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 43.941, 355.110

Background



This preview shows how black text looks on a background with the CIELCh color 74, 43.941, 355.110.

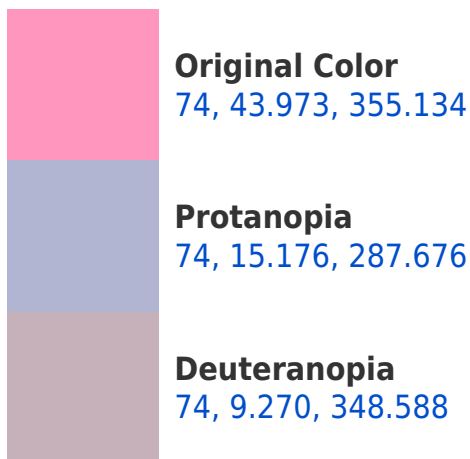


This preview shows how white text looks on a background with the CIELCh color 74, 43.941, 355.110.

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, 38.717, 14.594

Trichromacy



Original Color
74, 43.973, 355.134



Protanomaly
74, 21.773, 328.618



Deuteranomaly
74, 22.256, 350.976



Tritanomaly
74, 40.239, 6.689

Monochromacy



Original Color
74, 43.973, 355.134



Achromatopsia
76, 0.009, 296.813



Achromatomaly
74, 16.419, 351.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 43.941, 355.110 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, 150, 190)` looks like.

```
.text, #text, p{  
    color:rgb(254, 150, 190)  
}
```

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, 150, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 150, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 43.941, 355.110 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, 150, 190) }
```

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

```
.border{ border-color:rgb(254, 150, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 150, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 150, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 150, 190);  
box-shadow:4px 4px 4px 4px rgb(254, 150,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 43.941, 355.110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 150, 190) }
```

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

```
.background{ background-color: rgb(254,  
150, 190) }
```

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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