

Converting Colors

CIELCh(74, 39.881, 13.762)

Have a look what the booklet for
CIELCh(74, 39.881, 13.762) contains.

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Color

CIELCh(74, 39.536, 14.113)

Conversions

Conversions Part 1

Format	Color
Hex	FD9AA6
RGB	253, 154, 166
RGB Percent	99%, 60%, 65%
CMY	0.0082, 0.3963, 0.3493
CMYK	0.00, 0.39, 0.34, 0.01
HSL	353°, 96%, 80%
HSV	353°, 39%, 99%
XYZ	58.8971, 46.7039, 41.9514
YIQ	184.9690, 55.1520, 24.7200

Conversions

Conversions Part 2

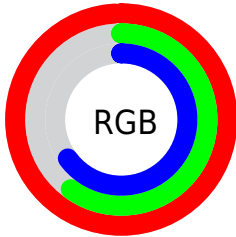
Format	Color
R _Y B	253, 154, 166
Decimal	16620198
CIE Lab	74.00, 38.34, 9.64
CIE LCh	74, 39.536, 14.113
Yxy	46.7039, 0.3992, 0.3165
Android (android.graphics.Color)	4294810278 (0xFFFD9AA6)
YUV	184.9690, -9.3517, 59.6632
Hunter-Lab	68.3403, 34.2396, 11.4424

Details

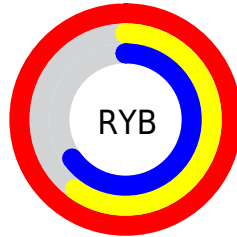
The CIELCh color **74, 39.536, 14.113** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 31.963, 186.157**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 17.470, 1.700**, and **54, 39.625, 14.283** is the 20% darker color. If you saturate the color by 10%, you get **68, 50.621, 16.126**, and if you desaturate by 10%, it is **80, 28.691, 12.524**.

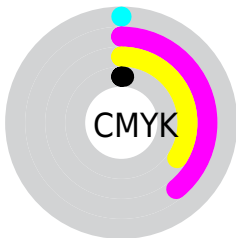
Distribution



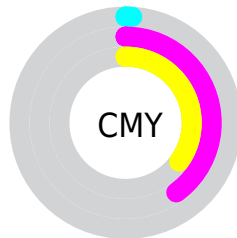
- Red (99%)
- Green (60%)
- Blue (65%)



- Red (99%)
- Yellow (60%)
- Blue (65%)



- Cyan (0%)
- Magenta (39%)
- Yellow (34%)
- Black (1%)



- Cyan (1%)
- Magenta (40%)
- Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 39.536, 14.113 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, 39.536, 14.113 by changing the saturation by 10% instead.

 74, 39.536, 14.113

 74, 39.536, 14.113

 100, 39.536,
14.113

 64, 39.536, 14.113

 94, 39.536, 14.113

 54, 39.536, 14.113

 44, 39.536, 14.113

 34, 39.536, 14.113

 24, 39.536, 14.113

 14, 39.536, 14.113

 4, 39.536, 14.113

 0, 39.536, 14.113

 74, 39.536, 14.113

 74, 39.536, 14.113

68, 50.621, 16.126

80, 28.691, 12.524

63, 61.640, 18.686

86, 18.300, 11.239

59, 72.199, 21.936

93, 8.468, 10.159

56, 81.927, 25.955

100, 0.729,
193.640

54, 90.544, 30.615

100, 0.724,
200.275

53, 97.742, 35.287

53, 98.307, 35.629

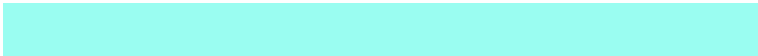
Harmonies

Complementary

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



74, 39.536, 14.113



93, 31.963, 186.157

Rectangle

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



74, 39.536, 14.113



74, 39.536, 64.113



74, 39.536, 194.113



74, 39.536, 244.113

Sweetspot

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



74, 39.533, 14.116



92, 11.297, 10.456



75, 59.800, 322.580



48, 7.524, 10.593



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, 39.533, 14.116



70, 48.568, 15.659



82, 32.517, 56.419



50, 5.310, 10.197



40, 78.941, 34.817



10, 32.460, 22.232

Inverse Universe

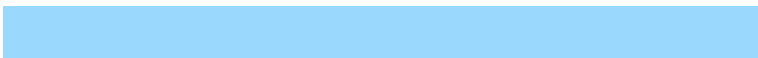
The Inverse Universe completely reimagines the original color for something new.



74, 39.533, 14.116



70, 48.568, 15.659



84, 26.381, 245.445



50, 5.310, 10.197



40, 78.941, 34.817



10, 32.460, 22.232

Previews

White Background



This preview shows how the CIELCh color 74, 39.536, 14.113 looks on a white background.

Color Contrast Check

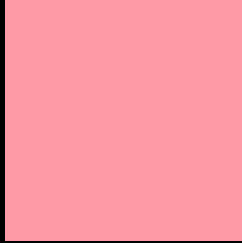
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 74, 39.536, 14.113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

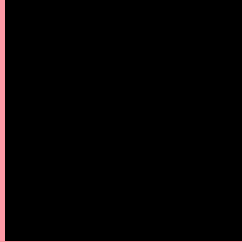
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 39.536, 14.113

Background



This preview shows how black text looks on a background with the CIELCh color 74, 39.536, 14.113.

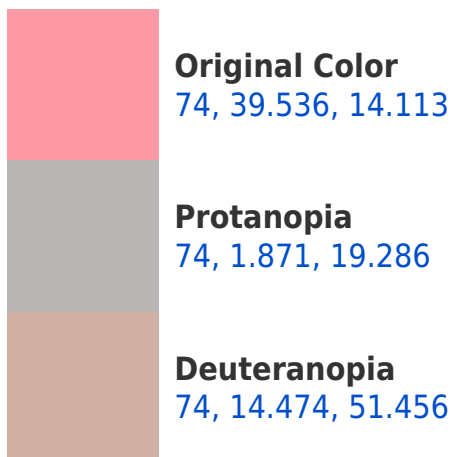


This preview shows how white text looks on a background with the CIELCh color 74, 39.536, 14.113.

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, 39.550, 14.883

Trichromacy



Original Color
74, 39.536, 14.113



Protanomaly
74, 15.252, 10.603



Deuteranomaly
74, 22.538, 28.099



Tritanomaly
74, 39.550, 14.883

Monochromacy



Original Color
74, 39.536, 14.113



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 13.982, 11.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 39.536, 14.113 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(253, 154, 166)` looks like.

```
.text, #text, p{  
    color:rgb(253, 154, 166)  
}
```

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(253, 154, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 154, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 39.536, 14.113 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(253, 154, 166) }
```

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

```
.border{ border-color:rgb(253, 154, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 154, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 154, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 154, 166);  
box-shadow:4px 4px 4px 4px rgb(253, 154,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 39.536, 14.113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 154, 166) }
```

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

```
.background{ background-color: rgb(253,  
154, 166) }
```

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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