

Converting Colors

CIELCh(74, 39.677, 15.721)

Have a look what the booklet for
CIELCh(74, 39.677, 15.721) contains.

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Color

CIELCh(74, 39.572, 15.652)

Conversions

Conversions Part 1

Format	Color
Hex	FD9AA4
RGB	253, 154, 164
RGB Percent	99%, 60%, 64%
CMY	0.0076, 0.3958, 0.3567
CMYK	0.00, 0.39, 0.35, 0.01
HSL	354°, 96%, 80%
HSV	354°, 39%, 99%
XYZ	58.7985, 46.7039, 41.0619
YIQ	184.7410, 55.7940, 24.0980

Conversions

Conversions Part 2

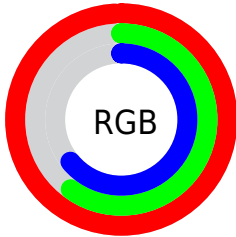
Format	Color
RYP	253, 154, 164
Decimal	16620196
CIELab	74.00, 38.10, 10.68
CIElCh	74, 39.572, 15.652
Yxy	46.7039, 0.4012, 0.3187
Android (android.graphics.Color)	4294810276 (0xFFFD9AA4)
YUV	184.7410, -10.2253, 59.8631
Hunter-Lab	68.3403, 33.9820, 12.2141

Details

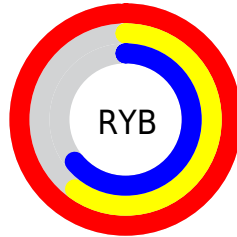
The CIELCh color **74, 39.572, 15.652** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 31.630, 187.976**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 17.213, 5.003**, and **54, 39.700, 15.915** is the 20% darker color. If you saturate the color by 10%, you get **68, 50.774, 17.650**, and if you desaturate by 10%, it is **80, 28.661, 14.083**.

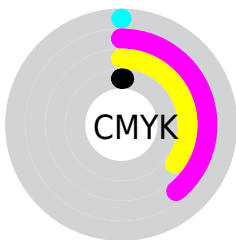
Distribution



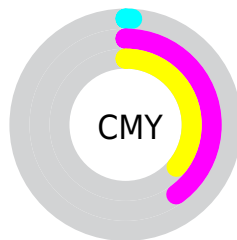
- Red (99%)
- Green (60%)
- Blue (64%)



- Red (99%)
- Yellow (60%)
- Blue (64%)



- Cyan (0%)
- Magenta (39%)
- Yellow (35%)
- Black (1%)



- Cyan (1%)
- Magenta (40%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 39.572, 15.652 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, 39.572, 15.652 by changing the saturation by 10% instead.

 74, 39.572, 15.652

 74, 39.572, 15.652

 100, 39.572,
15.652

 64, 39.572, 15.652

 94, 39.572, 15.652

 54, 39.572, 15.652

 44, 39.572, 15.652

 34, 39.572, 15.652

 24, 39.572, 15.652

 14, 39.572, 15.652

 4, 39.572, 15.652

 0, 39.572, 15.652

 74, 39.572, 15.652

 74, 39.572, 15.652

68, 50.774, 17.650

80, 28.661, 14.083

63, 61.972, 20.198

87, 18.247, 12.821

59, 72.777, 23.431

93, 8.423, 11.767

56, 82.809, 27.408

100, 0.675,
200.344

54, 91.721, 31.950

53, 98.985, 36.336

53, 99.543, 36.649

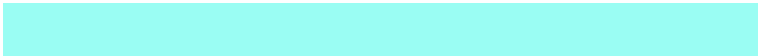
Harmonies

Complementary

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



74, 39.572, 15.652



93, 31.630, 187.976

Rectangle

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



74, 39.572, 15.652



74, 39.572, 65.652



74, 39.572, 195.652



74, 39.572, 245.652

Sweetspot

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



74, 39.569, 15.655



92, 11.258, 12.058



75, 60.012, 323.084



48, 7.500, 12.192



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, 39.569, 15.655



70, 48.689, 17.189



82, 32.491, 58.202



50, 5.290, 11.806



40, 79.932, 35.906



10, 32.595, 23.076

Inverse Universe

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



74, 39.569, 15.655



70, 48.689, 17.189



83, 26.663, 247.720



50, 5.290, 11.806



40, 79.932, 35.906



10, 32.595, 23.076

Previews

White Background



This preview shows how the CIELCh color 74, 39.572, 15.652 looks on a white background.

Color Contrast Check

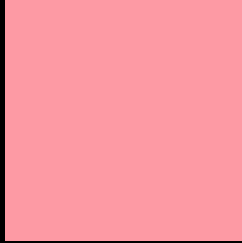
Large Text (above 18pt) WCAG AA × Fail

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, 39.572, 15.652 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, 39.572, 15.652

Background



This preview shows how black text looks on a background with the CIELCh color 74, 39.572, 15.652.

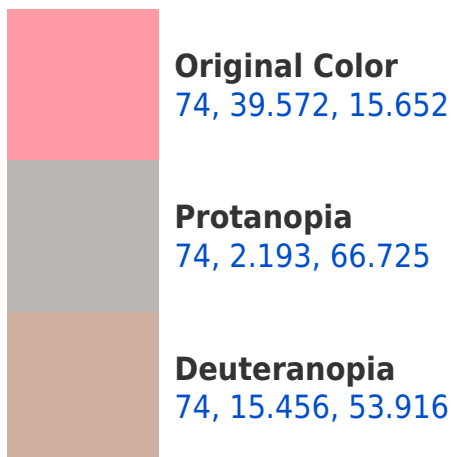


This preview shows how white text looks on a background with the CIELCh color 74, 39.572, 15.652.

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](#).

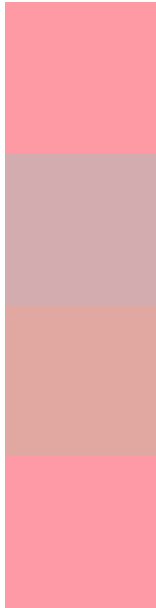
Dichromacy





Tritanopia
74, 39.550, 14.883

Trichromacy



Original Color
74, 39.572, 15.652

Protanomaly
74, 14.740, 16.496

Deuteranomaly
74, 22.806, 30.706

Tritanomaly
74, 39.550, 14.883

Monochromacy



Original Color
74, 39.572, 15.652

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 13.939, 13.969

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 39.572, 15.652 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(253, 154, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 154, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 39.572, 15.652 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, 164) }
```

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

```
.border{ border-color:rgb(253, 154, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 154, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 154, 164);  
box-shadow:4px 4px 4px 4px rgb(253, 154,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 39.572, 15.652 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, 164) }
```

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

```
.background{ background-color: rgb(253,  
154, 164) }
```

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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