

Converting Colors

CIELCh(75, 39.650, 14.360)

Have a look what the booklet for
CIELCh(75, 39.650, 14.360) contains.

CIELCh(75, 39.026, 14.676)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(75, 39.026, 14.676)

Conversions

Conversions Part 1

Format	Color
Hex	FF9DA8
RGB	255, 157, 168
RGB Percent	100%, 62%, 66%
CMY	0.0000, 0.3838, 0.3407
CMYK	0.00, 0.38, 0.34, 0.00
HSL	353°, 100%, 81%
HSV	353°, 38%, 100%
XYZ	60.4527, 48.2781, 43.2418
YIQ	187.5560, 54.8770, 24.1970

Conversions

Conversions Part 2

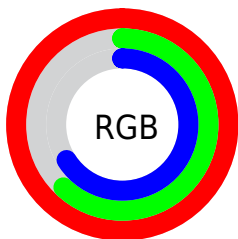
Format	Color
RYB	255, 157, 168
Decimal	16752040
CIELab	75.00, 37.75, 9.89
CIELCh	75, 39.026, 14.676
Yxy	48.2781, 0.3978, 0.3177
Android (android.graphics.Color)	4294942120 (0xFFFF9DA8)
YUV	187.5560, -9.6411, 59.1484
Hunter-Lab	69.4824, 33.7084, 11.7391

Details

The CIELCh color **75, 39.026, 14.676** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 31.492, 187.013**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 16.224, 2.027**, and **55, 39.088, 14.790** is the 20% darker color. If you saturate the color by 10%, you get **69, 50.166, 16.630**, and if you desaturate by 10%, it is **81, 28.055, 13.102**.

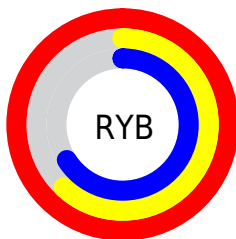
Distribution



Red (100%)

Green (62%)

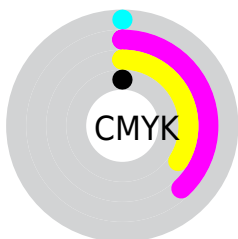
Blue (66%)



Red (100%)

Yellow (62%)

Blue (66%)

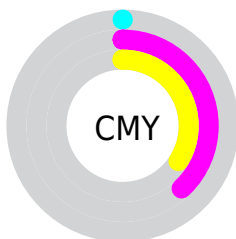


Cyan (0%)

Magenta (38%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 39.026, 14.676 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 75, 39.026, 14.676 by changing the saturation by 10% instead.

75, 39.026, 14.676

75, 39.026, 14.676

100, 39.026,
14.676

65, 39.026, 14.676

95, 39.026, 14.676

55, 39.026, 14.676

45, 39.026, 14.676

35, 39.026, 14.676

25, 39.026, 14.676

15, 39.026, 14.676

5, 39.026, 14.676

0, 39.026, 14.676

75, 39.026, 14.676

75, 39.026, 14.676

69, 50.166, 16.630

81, 28.055, 13.102

64, 61.349, 19.141

88, 17.628, 11.844

60, 72.129, 22.333

94, 7.782, 10.785

57, 82.124, 26.283

100, 0.012,
296.813

54, 91.021, 30.867

53, 98.415, 35.479

53, 99.477, 36.110

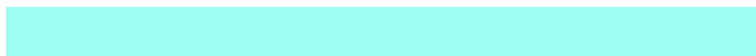
Harmonies

Complementary

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



75, 39.026, 14.676



94, 31.492, 187.013

Rectangle

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



75, 39.026, 14.676



75, 39.026, 64.676



75, 39.026, 194.676



75, 39.026, 244.676

Sweetspot

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



75, 38.966, 14.660



92, 11.279, 11.155



76, 59.268, 323.053



48, 7.513, 11.291



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75, 38.966, 14.660



71, 47.492, 16.118



83, 31.992, 58.264



50, 5.301, 10.900



40, 79.380, 35.308



10, 32.518, 22.602

Inverse Universe

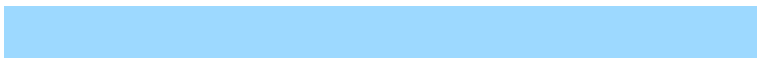
The Inverse Universe completely reimagines the original color for something new.



75, 38.966, 14.660



71, 47.492, 16.118



84, 26.365, 247.564



50, 5.301, 10.900



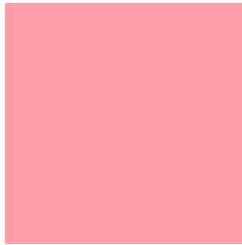
40, 79.380, 35.308



10, 32.518, 22.602

Previews

White Background



This preview shows how the CIELCh color 75, 39.026, 14.676 looks on a white background.

Color Contrast Check

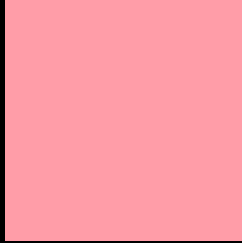
Large Text (above 18pt) WCAG AA × Fail

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 75, 39.026, 14.676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

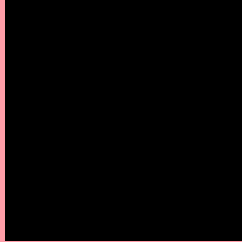
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 39.026, 14.676

Background



This preview shows how black text looks on a background with the CIELCh color 75, 39.026, 14.676.

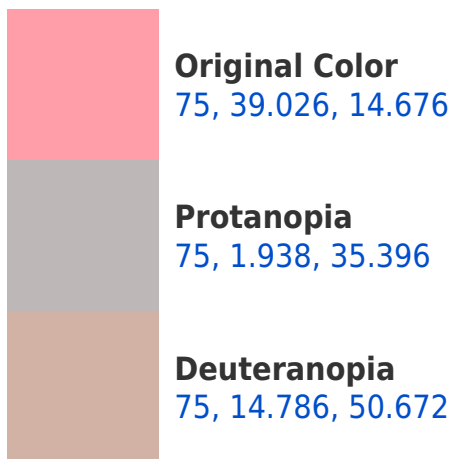


This preview shows how white text looks on a background with the CIELCh color 75, 39.026, 14.676.

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
75, 39.016, 13.898

Trichromacy



Original Color
75, 39.026, 14.676



Protanomaly
75, 15.147, 12.582



Deuteranomaly
75, 22.365, 26.754



Tritanomaly
75, 39.016, 13.898

Monochromacy



Original Color
75, 39.026, 14.676



Achromatopsia
76, 0.009, 296.813



Achromatomaly
75, 13.549, 11.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 39.026, 14.676 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(255, 157, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 168)  
}
```

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(255, 157, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 39.026, 14.676 is called "border". The border property can be set on classes, ids or directly on the HTML element.

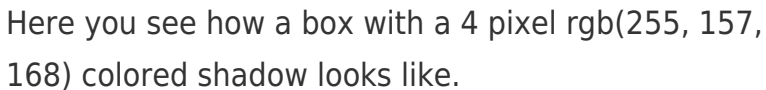
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 157, 168) }
```

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

```
.border{ border-color:rgb(255, 157, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 157, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 157, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 157, 168); box-shadow:4px 4px 4px 4px rgb(255, 157, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 39.026, 14.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 168) }
```

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

```
.background{ background-color: rgb(255,  
157, 168) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor