

Converting Colors

CIELCh(83, 65.134, 19.606)

Have a look what the booklet for
CIELCh(83, 65.134, 19.606) contains.

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Color

CIELCh(75, 39.879, 12.699)

Conversions

Conversions Part 1

Format	Color
Hex	FF9CAA
RGB	255, 156, 170
RGB Percent	100%, 61%, 67%
CMY	0.0000, 0.3873, 0.3325
CMYK	0.00, 0.39, 0.33, 0.00
HSL	352°, 100%, 81%
HSV	352°, 39%, 100%
XYZ	60.9394, 48.2781, 44.2384
YIQ	187.1970, 54.5100, 25.3420

Conversions

Conversions Part 2

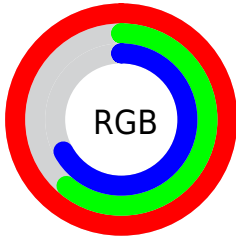
Format	Color
R _Y B	255, 156, 170
Decimal	16751786
CIE Lab	75.00, 38.90, 8.77
CIE LCh	75, 39.879, 12.699
Yxy	48.2781, 0.3971, 0.3146
Android (android.graphics.Color)	4294941866 (0xFFFF9CAA)
YUV	187.1970, -8.4781, 59.4632
Hunter-Lab	69.4824, 34.9586, 10.8887

Details

The CIELCh color **75, 39.879, 12.699** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 32.254, 184.407**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 17.072, 357.474**, and **55, 39.485, 12.550** is the 20% darker color. If you saturate the color by 10%, you get **69, 50.406, 14.497**, and if you desaturate by 10%, it is **81, 28.501, 10.904**.

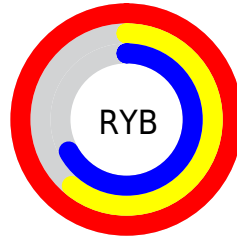
Distribution



Red (100%)

Green (61%)

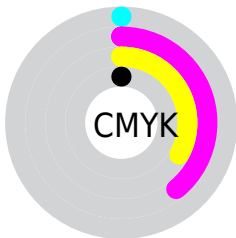
Blue (67%)



Red (100%)

Yellow (61%)

Blue (67%)

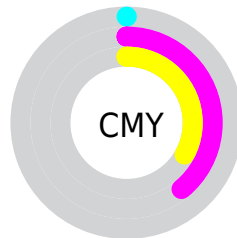


Cyan (0%)

Magenta (39%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 39.879, 12.699 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, 39.879, 12.699 by changing the saturation by 10% instead.

 75, 39.879, 12.699

 75, 39.879, 12.699

 100, 39.879,
12.699

 65, 39.879, 12.699

 95, 39.879, 12.699

 55, 39.879, 12.699

 45, 39.879, 12.699

 35, 39.879, 12.699

 25, 39.879, 12.699

 15, 39.879, 12.699

 5, 39.879, 12.699

 0, 39.879, 12.699

 75, 39.879, 12.699

 75, 39.879, 12.699

69, 50.406, 14.497

81, 28.501, 10.904

64, 61.345, 17.038

87, 18.072, 9.610

60, 71.765, 20.266

94, 8.177, 8.514

57, 81.295, 24.283

100, 0.012,
296.813

55, 89.699, 29.016

53, 96.830, 33.953

53, 97.672, 34.507

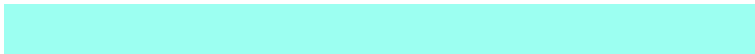
Harmonies

Complementary

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



75, 39.879, 12.699



94, 32.254, 184.407

Rectangle

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



75, 39.879, 12.699



75, 39.879, 62.699



75, 39.879, 192.699



75, 39.879, 242.699

Sweetspot

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



75, 39.350, 12.497



92, 11.346, 8.859



76, 59.389, 322.057



48, 7.555, 8.999



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, 39.350, 12.497



71, 47.379, 13.902



82, 32.408, 54.668



50, 5.335, 8.595



40, 77.912, 33.612



10, 32.331, 21.377

Inverse Universe

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



75, 39.350, 12.497



71, 47.379, 13.902



85, 26.074, 243.049



50, 5.335, 8.595



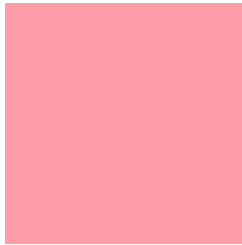
40, 77.912, 33.612



10, 32.331, 21.377

Previews

White Background



This preview shows how the CIELCh color 75, 39.879, 12.699 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, 39.879, 12.699 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, 39.879, 12.699

Background



This preview shows how black text looks on a background with the CIELCh color 75, 39.879, 12.699.

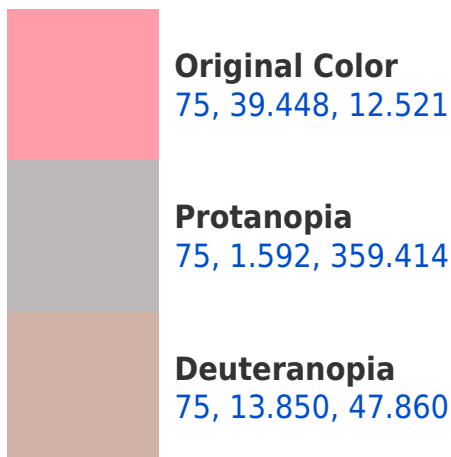


This preview shows how white text looks on a background with the CIELCh color 75, 39.879, 12.699.

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, 39.026, 14.676

Trichromacy



Original Color
75, 39.448, 12.521



Protanomaly
75, 14.891, 8.227



Deuteranomaly
75, 22.176, 24.059



Tritanomaly
75, 39.016, 13.898

Monochromacy



Original Color
75, 39.448, 12.521



Achromatopsia
76, 0.009, 296.813



Achromatomaly
75, 14.014, 9.591

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 39.879, 12.699 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, 156, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 170)  
}
```

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, 156, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 39.879, 12.699 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, 156, 170) }
```

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

```
.border{ border-color:rgb(255, 156, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 156, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 39.879, 12.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 170) }
```

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

```
.background{ background-color: rgb(255,  
156, 170) }
```

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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