

Converting Colors

CIELCh(73, 41.900, 19.226)

Have a look what the booklet for
CIELCh(73, 41.900, 19.226) contains.

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Color

CIELCh(73, 41.949, 19.253)

Conversions

Conversions Part 1

Format	Color
Hex	FE969C
RGB	254, 150, 156
RGB Percent	100%, 59%, 61%
CMY	0.0049, 0.4126, 0.3890
CMYK	0.00, 0.41, 0.39, 0.00
HSL	357°, 98%, 79%
HSV	357°, 41%, 100%
XYZ	57.6418, 45.1644, 37.0404
YIQ	181.7800, 60.0580, 23.9140

Conversions

Conversions Part 2

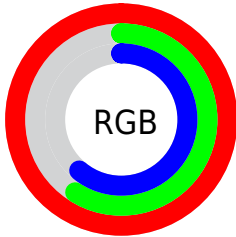
Format	Color
RYB	254, 150, 156
Decimal	16684700
CIELab	73.00, 39.60, 13.83
CIELCh	73, 41.949, 19.253
Yxy	45.1644, 0.4122, 0.3230
Android (android.graphics.Color)	4294874780 (0xFFFE969C)
YUV	181.7800, -12.7095, 63.3369
Hunter-Lab	67.2044, 35.4932, 14.3648

Details

The CIELCh color **73, 41.949, 19.253** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 32.290, 191.855**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 18.856, 12.951**, and **53, 41.800, 19.055** is the 20% darker color. If you saturate the color by 10%, you get **67, 53.494, 21.292**, and if you desaturate by 10%, it is **79, 30.762, 17.672**.

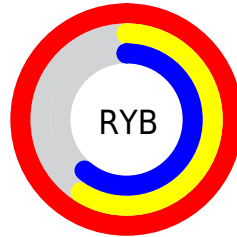
Distribution



Red (100%)

Green (59%)

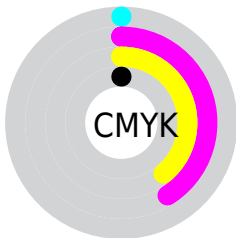
Blue (61%)



Red (100%)

Yellow (59%)

Blue (61%)

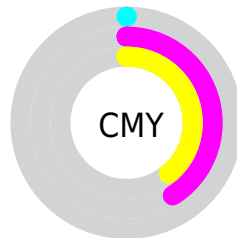


Cyan (0%)

Magenta (41%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (41%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 41.949, 19.253 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 73, 41.949, 19.253 by changing the saturation by 10% instead.

73, 41.949, 19.253

73, 41.949, 19.253

100, 41.949,
19.253

63, 41.949, 19.253

93, 41.949, 19.253

53, 41.949, 19.253

43, 41.949, 19.253

33, 41.949, 19.253

23, 41.949, 19.253

13, 41.949, 19.253

3, 41.949, 19.253

0, 41.949, 19.253

73, 41.949, 19.253

73, 41.949, 19.253

67, 53.494, 21.292

79, 30.762, 17.672

63, 65.099, 23.906

85, 20.137, 16.425

59, 76.369, 27.200

92, 10.165, 15.413

56, 86.867, 31.137

99, 0.869, 13.939

54, 95.964, 35.324

100, 0.430,
200.919

53, 101.953,
38.387

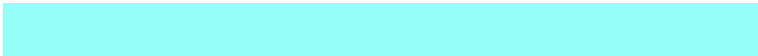
Harmonies

Complementary

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



73, 41.949, 19.253



93, 32.290, 191.855

Rectangle

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



73, 41.949, 19.253



73, 41.949, 69.253



73, 41.949, 199.253



73, 41.949, 249.253

Sweetspot

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



73, 41.946, 19.256



92, 11.205, 15.510



75, 63.549, 324.668



48, 7.467, 15.635



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 41.946, 19.256



69, 51.407, 20.852



83, 34.421, 63.338



50, 5.261, 15.277



40, 81.827, 37.825



10, 32.906, 24.856

Inverse Universe

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



73, 41.946, 19.256



69, 51.407, 20.852



81, 29.024, 254.706



50, 5.261, 15.277



40, 81.827, 37.825



10, 32.906, 24.856

Previews

White Background



This preview shows how the CIELCh color 73, 41.949, 19.253 looks on a white background.

Color Contrast Check

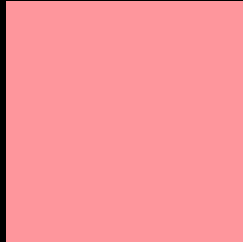
Large Text (above 18pt) WCAG AA × Fail

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 73, 41.949, 19.253 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 73, 41.949, 19.253

Background



This preview shows how black text looks on a background with the CIELCh color 73, 41.949, 19.253.

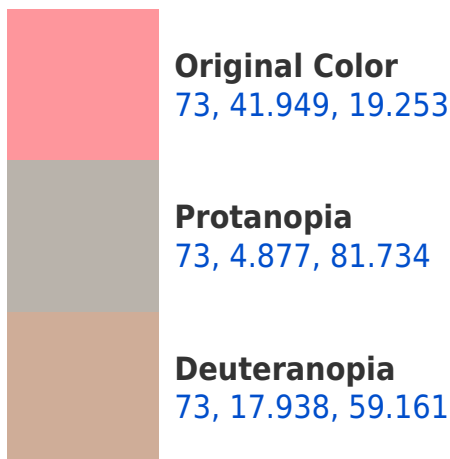


This preview shows how white text looks on a background with the CIELCh color 73, 41.949, 19.253.

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
73, 42.152, 15.769

Trichromacy



Original Color
73, 41.949, 19.253



Protanomaly
73, 16.649, 26.361



Deuteranomaly
73, 24.995, 36.230



Tritanomaly
73, 42.230, 17.212

Monochromacy



Original Color
73, 41.949, 19.253



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 14.775, 16.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 41.949, 19.253 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(254, 150, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 150, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 41.949, 19.253 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, 156) }
```

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

```
.border{ border-color:rgb(254, 150, 156) }
```

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, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 150, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 150, 156);  
box-shadow:4px 4px 4px 4px rgb(254, 150,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 41.949, 19.253 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, 156) }
```

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

```
.background{ background-color: rgb(254,  
150, 156) }
```

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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