

Converting Colors

CIELCh(73, 42.038, 17.965)

Have a look what the booklet for
CIELCh(73, 42.038, 17.965) contains.

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Color

CIELCh(73, 41.886, 18.530)

Conversions

Conversions Part 1

Format	Color
Hex	FE969D
RGB	254, 150, 157
RGB Percent	100%, 59%, 62%
CMY	0.0051, 0.4128, 0.3854
CMYK	0.00, 0.41, 0.38, 0.01
HSL	356°, 98%, 79%
HSV	356°, 41%, 99%
XYZ	57.6875, 45.1644, 37.4565
YIQ	181.8940, 59.7370, 24.2250

Conversions

Conversions Part 2

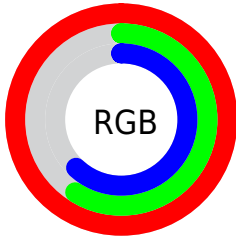
Format	Color
RYB	254, 150, 157
Decimal	16684701
CIELab	73.00, 39.71, 13.31
CIELCh	73, 41.886, 18.530
Yxy	45.1644, 0.4111, 0.3219
Android (android.graphics.Color)	4294874781 (0xFFFE969D)
YUV	181.8940, -12.2727, 63.2370
Hunter-Lab	67.2044, 35.6144, 13.9977

Details

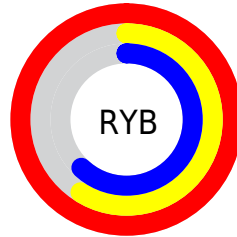
The CIELCh color **73, 41.886, 18.530** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93, 32.424, 190.942**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 18.899, 11.387**, and **53, 41.718, 18.284** is the 20% darker color. If you saturate the color by 10%, you get **67, 53.360, 20.584**, and if you desaturate by 10%, it is **79, 30.744, 16.934**.

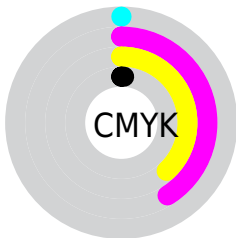
Distribution



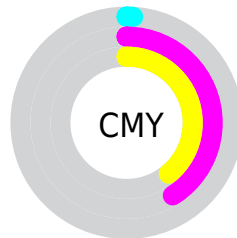
- Red (100%)
- Green (59%)
- Blue (62%)



- Red (100%)
- Yellow (59%)
- Blue (62%)



- Cyan (0%)
- Magenta (41%)
- Yellow (38%)
- Black (1%)



- Cyan (1%)
- Magenta (41%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 41.886, 18.530 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, 41.886, 18.530 by changing the saturation by 10% instead.

 73, 41.886, 18.530

 73, 41.886, 18.530

 100, 41.886,
18.530

 63, 41.886, 18.530

 93, 41.886, 18.530

 53, 41.886, 18.530

 43, 41.886, 18.530

 33, 41.886, 18.530

 23, 41.886, 18.530

 13, 41.886, 18.530

 3, 41.886, 18.530

 0, 41.886, 18.530

 73, 41.886, 18.530

 73, 41.886, 18.530

67, 53.360, 20.584

79, 30.744, 16.934

63, 64.865, 23.213

85, 20.143, 15.670

59, 76.007, 26.529

92, 10.179, 14.640

56, 86.368, 30.512

99, 0.878, 13.157

54, 95.389, 34.803

100, 0.453,
200.838

53, 101.496,
38.055

Harmonies

Complementary

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



73, 41.886, 18.530



93, 32.424, 190.942

Rectangle

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



73, 41.886, 18.530



73, 41.886, 68.530



73, 41.886, 198.530



73, 41.886, 248.530

Sweetspot

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



73, 41.883, 18.533



92, 11.213, 14.738



75, 63.325, 324.169



48, 7.472, 14.865



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, 41.883, 18.533



69, 51.290, 20.139



83, 34.354, 61.578



50, 5.266, 14.500



40, 81.439, 37.448



10, 32.834, 24.462

Inverse Universe

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



73, 41.883, 18.533



69, 51.290, 20.139



82, 28.595, 252.569



50, 5.266, 14.500



40, 81.439, 37.448



10, 32.834, 24.462

Previews

White Background



This preview shows how the CIELCh color 73, 41.886, 18.530 looks on a white background.

Color Contrast Check

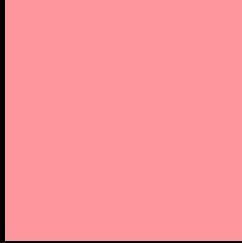
Large Text (above 18pt) WCAG AA × Fail

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, 41.886, 18.530 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, 41.886, 18.530

Background



This preview shows how black text looks on a background with the CIELCh color 73, 41.886, 18.530.

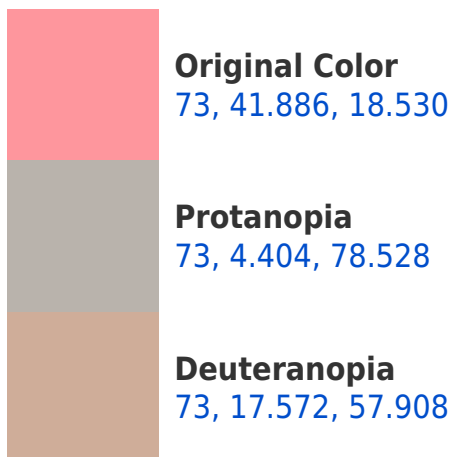


This preview shows how white text looks on a background with the CIELCh color 73, 41.886, 18.530.

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, 41.886, 18.530



Protanomaly
73, 16.564, 24.534



Deuteranomaly
73, 24.799, 35.089



Tritanomaly
73, 42.187, 16.491

Monochromacy



Original Color
73, 41.886, 18.530



Achromatopsia
74, 0.009, 296.813



Achromatomaly
73, 14.790, 14.434

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 41.886, 18.530 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(254, 150, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 150, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 41.886, 18.530 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, 157) }
```

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

```
.border{ border-color:rgb(254, 150, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 150, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 150, 157);  
box-shadow:4px 4px 4px 4px rgb(254, 150,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 41.886, 18.530 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, 157) }
```

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

```
.background{ background-color: rgb(254,  
150, 157) }
```

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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