

Converting Colors

CIELCh(73, 42.230, 17.945)

Have a look what the booklet for
CIELCh(73, 42.230, 17.945) contains.

CIELCh(73, 42.280, 17.932)	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(73, 42.280, 17.932)

Conversions

Conversions Part 1

Format	Color
Hex	FE959D
RGB	254, 149, 157
RGB Percent	100%, 58%, 62%
CMY	0.0026, 0.4145, 0.3832
CMYK	0.00, 0.41, 0.38, 0.00
HSL	355°, 99%, 79%
HSV	355°, 41%, 100%
XYZ	57.8969, 45.1644, 37.6927
YIQ	181.3070, 60.0120, 24.7480

Conversions

Conversions Part 2

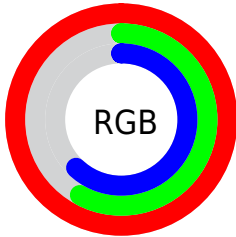
Format	Color
RYB	254, 149, 157
Decimal	16684445
CIELab	73.00, 40.23, 13.02
CIELCh	73, 42.280, 17.932
Yxy	45.1644, 0.4113, 0.3209
Android (android.graphics.Color)	4294874525 (0xFFFE959D)
YUV	181.3070, -11.9834, 63.7518
Hunter-Lab	67.2044, 36.1706, 13.7894

Details

The CIELCh color **73, 42.280, 17.932** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **94, 32.826, 190.100**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 19.350, 10.091**, and **53, 42.119, 17.703** is the 20% darker color. If you saturate the color by 10%, you get **67, 53.722, 20.014**, and if you desaturate by 10%, it is **79, 31.139, 16.310**.

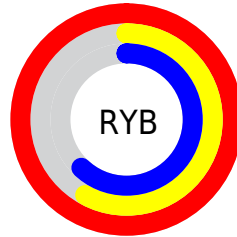
Distribution



Red (100%)

Green (58%)

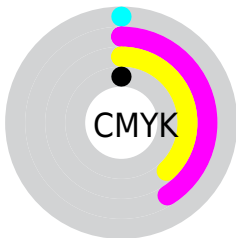
Blue (62%)



Red (100%)

Yellow (58%)

Blue (62%)

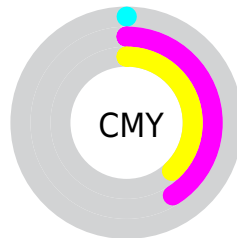


Cyan (0%)

Magenta (41%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (41%)

Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 42.280, 17.932 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, 42.280, 17.932 by changing the saturation by 10% instead.

 73, 42.280, 17.932

 73, 42.280, 17.932

 100, 42.280,
17.932

 63, 42.280, 17.932

 93, 42.280, 17.932

 53, 42.280, 17.932

 43, 42.280, 17.932

 33, 42.280, 17.932

 23, 42.280, 17.932

 13, 42.280, 17.932

 3, 42.280, 17.932

 0, 42.280, 17.932

 73, 42.280, 17.932

 73, 42.280, 17.932

67, 53.722, 20.014

79, 31.139, 16.310

63, 65.157, 22.677

85, 20.517, 15.023

59, 76.189, 26.034

92, 10.516, 13.973

56, 86.412, 30.074

99, 1.167, 12.650

54, 95.319, 34.453

100, 0.234,
202.229

53, 101.271,
37.733

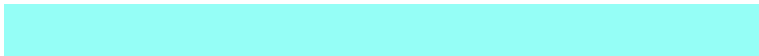
Harmonies

Complementary

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



73, 42.280, 17.932



94, 32.826, 190.100

Rectangle

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



73, 42.280, 17.932



73, 42.280, 67.932



73, 42.280, 197.932



73, 42.280, 247.932

Sweetspot

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



73, 42.277, 17.935



92, 11.222, 14.042



75, 63.922, 324.183



48, 7.478, 14.171



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, 42.277, 17.935



68, 52.345, 19.716



83, 34.726, 61.545



50, 5.271, 13.800



40, 81.069, 37.082



10, 32.770, 24.105

Inverse Universe

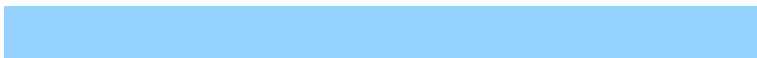
The Inverse Universe completely reimagines the original color for something new.



73, 42.277, 17.935



68, 52.345, 19.716



82, 28.856, 252.646



50, 5.271, 13.800



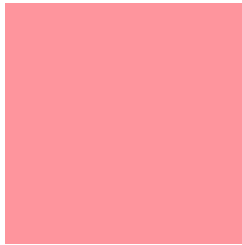
40, 81.069, 37.082



10, 32.770, 24.105

Previews

White Background



This preview shows how the CIELCh color 73, 42.280, 17.932 looks on a white background.

Color Contrast Check

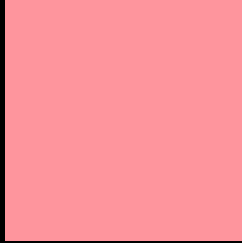
Large Text (above 18pt) WCAG AA × Fail

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 73, 42.280, 17.932 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, 42.280, 17.932

Background



This preview shows how black text looks on a background with the CIELCh color 73, 42.280, 17.932.



This preview shows how white text looks on a background with the CIELCh color 73, 42.280, 17.932.

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



Original Color

73, 42.280, 17.932

Protanopia

73, 3.742, 79.355

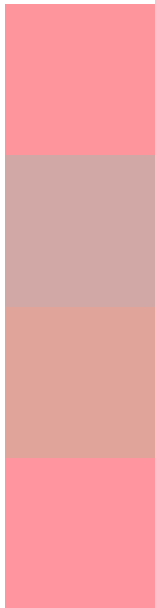
Deuteranopia

73, 17.246, 58.732



Tritanopia
73, 42.549, 15.888

Trichromacy



Original Color
73, 42.280, 17.932

Protanomaly
73, 16.496, 22.689

Deuteranomaly
73, 24.879, 32.602

Tritanomaly
73, 42.586, 16.604

Monochromacy



Original Color
73, 42.280, 17.932

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, 42.280, 17.932 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, 149, 157)` looks like.

```
.text, #text, p{  
    color:rgb(254, 149, 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, 149, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 149, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 42.280, 17.932 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, 149, 157) }
```

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

```
.border{ border-color:rgb(254, 149, 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, 149, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 149, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 149, 157);  
box-shadow:4px 4px 4px 4px rgb(254, 149,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 42.280, 17.932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 149, 157) }
```

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

```
.background{ background-color: rgb(254,  
149, 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](#).

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