

Converting Colors

CIELCh(82, 78.079, 41.906)

Have a look what the booklet for
CIELCh(82, 78.079, 41.906) contains.

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Color

CIELCh(73, 51.838, 49.660)

Conversions

Conversions Part 1

Format	Color
Hex	FE996C
RGB	254, 153, 108
RGB Percent	100%, 60%, 42%
CMY	0.0025, 0.3982, 0.5746
CMYK	0.00, 0.40, 0.57, 0.00
HSL	18°, 99%, 71%
HSV	18°, 57%, 100%
XYZ	55.2062, 45.1644, 20.1307
YIQ	178.0690, 74.6410, 7.4170

Conversions

Conversions Part 2

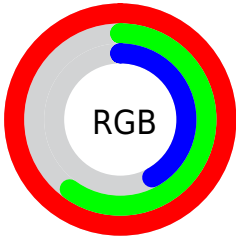
Format	Color
RYB	254, 173, 108
Decimal	16685420
CIELab	73.00, 33.56, 39.51
CIELCh	73, 51.838, 49.660
Yxy	45.1644, 0.4581, 0.3748
Android (android.graphics.Color)	4294875500 (0xFFFE996C)
YUV	178.0690, -34.5440, 66.5915
Hunter-Lab	67.2044, 29.0241, 29.2832

Details

The CIELCh color **73, 51.838, 49.660** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **80, 35.280, 241.262**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 31.760, 71.264**, and **53, 51.900, 49.898** is the 20% darker color. If you saturate the color by 10%, you get **69, 62.949, 49.489**, and if you desaturate by 10%, it is **77, 41.233, 49.932**.

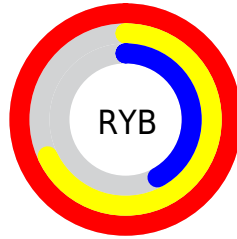
Distribution



Red (100%)

Green (60%)

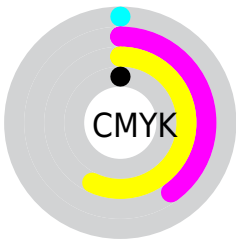
Blue (42%)



Red (100%)

Yellow (68%)

Blue (42%)

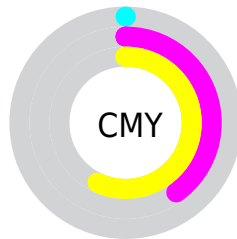


Cyan (0%)

Magenta (40%)

Yellow (57%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 51.838, 49.660 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, 51.838, 49.660 by changing the saturation by 10% instead.

73, 51.838, 49.660

73, 51.838, 49.660

100, 51.838,
49.660

63, 51.838, 49.660

93, 51.838, 49.660

53, 51.838, 49.660

43, 51.838, 49.660

33, 51.838, 49.660

23, 51.838, 49.660

13, 51.838, 49.660

3, 51.838, 49.660

0, 51.838, 49.660

73, 51.838, 49.660

73, 51.838, 49.660

69, 62.949, 49.489

77, 41.233, 49.932

65, 74.186, 49.305

82, 31.287, 50.316

62, 84.667, 48.834

86, 22.032, 50.806

59, 92.789, 47.539

91, 13.447, 51.376

59, 94.639, 47.174

96, 5.485, 51.966

100, 0.219,
202.419

Harmonies

Complementary

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



73, 51.838, 49.660



80, 35.280, 241.262

Rectangle

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



73, 51.838, 49.660



73, 51.838, 99.660



73, 51.838, 229.660



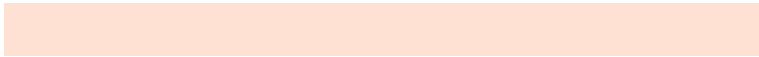
73, 51.838, 279.660

Sweetspot

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



73, 51.836, 49.664



92, 13.184, 51.397



67, 71.344, 338.972



48, 8.887, 51.277



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, 51.836, 49.664



69, 64.941, 49.464



90, 59.815, 93.445



51, 4.286, 51.846



45, 75.883, 47.749



13, 28.448, 44.454

Inverse Universe

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



80, 35.280, 241.262



76, 40.290, 244.855



60, 65.667, 290.769



51, 4.074, 233.429



52, 40.020, 257.782



16, 17.413, 250.690

Previews

White Background



This preview shows how the CIELCh color 73, 51.838, 49.660 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, 51.838, 49.660 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, 51.838, 49.660

Background



This preview shows how black text looks on a background with the CIELCh color 73, 51.838, 49.660.



This preview shows how white text looks on a background with the CIELCh color 73, 51.838, 49.660.

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, 51.917, 49.655

Protanopia

73, 33.236, 95.998

Deuteranopia

73, 41.394, 76.963



Tritanopia
73, 42.586, 16.604

Trichromacy



Original Color
73, 51.917, 49.655

Protanomaly
73, 36.369, 73.398

Deuteranomaly
73, 43.872, 65.825

Tritanomaly
73, 43.873, 30.305

Monochromacy



Original Color
73, 51.917, 49.655

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 17.293, 52.315

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 51.838, 49.660 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, 153, 108)` looks like.

```
.text, #text, p{  
    color:rgb(254, 153, 108)  
}
```

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, 153, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 153, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 51.838, 49.660 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, 153, 108) }
```

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

```
.border{ border-color:rgb(254, 153, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 153, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 153, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 153, 108);  
box-shadow:4px 4px 4px 4px rgb(254, 153,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 51.838, 49.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 153, 108) }
```

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

```
.background{ background-color: rgb(254,  
153, 108) }
```

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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