

Converting Colors

CIELCh(72, 63.207, 58.450)

Have a look what the booklet for
CIELCh(72, 63.207, 58.450) contains.

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Color

CIELCh(72, 62.952, 58.629)

Conversions

Conversions Part 1

Format	Color
Hex	FE974E
RGB	254, 151, 78
RGB Percent	100%, 59%, 31%
CMY	0.0047, 0.4085, 0.6947
CMYK	0.00, 0.41, 0.69, 0.00
HSL	25°, 99%, 65%
HSV	25°, 69%, 100%
XYZ	53.2082, 43.6590, 12.8001
YIQ	173.4750, 84.8210, -0.8670

Conversions

Conversions Part 2

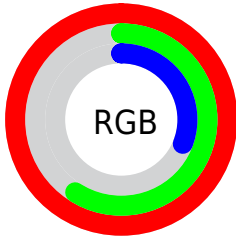
Format	Color
R _Y B	254, 203, 78
Decimal	16684878
CIE Lab	72.00, 32.77, 53.75
CIE LCh	72, 62.952, 58.629
Yxy	43.6590, 0.4852, 0.3981
Android (android.graphics.Color)	4294874958 (0xFFFE974E)
YUV	173.4750, -47.0692, 70.6204
Hunter-Lab	66.0750, 28.1095, 34.7668

Details

The CIELCh color **72, 62.952, 58.629** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **71, 45.292, 261.111**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 44.905, 79.487**, and **52, 63.041, 58.670** is the 20% darker color. If you saturate the color by 10%, you get **69, 73.109, 57.493**, and if you desaturate by 10%, it is **76, 52.569, 59.614**.

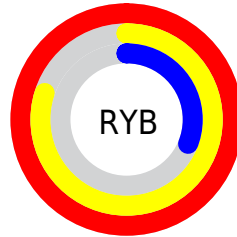
Distribution



Red (100%)

Green (59%)

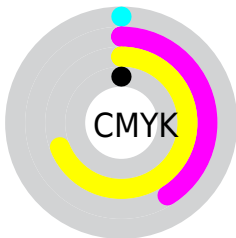
Blue (31%)



Red (100%)

Yellow (80%)

Blue (31%)

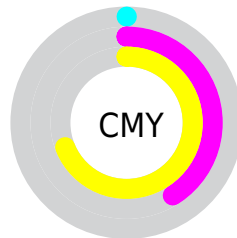


Cyan (0%)

Magenta (41%)

Yellow (69%)

Black (0%)



Cyan (0%)

Magenta (41%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 62.952, 58.629 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 72, 62.952, 58.629 by changing the saturation by 10% instead.

72, 62.952, 58.629

72, 62.952, 58.629

100, 62.952,
58.629

62, 62.952, 58.629

92, 62.952, 58.629

52, 62.952, 58.629

42, 62.952, 58.629

32, 62.952, 58.629

22, 62.952, 58.629

12, 62.952, 58.629

2, 62.952, 58.629

0, 62.952, 58.629

72, 62.952, 58.629

72, 62.952, 58.629

69, 73.109, 57.493

76, 52.569, 59.614

66, 82.060, 55.903

79, 42.452, 60.570

63, 88.607, 53.516

83, 32.807, 61.548

63, 89.018, 53.363

87, 23.701, 62.558

91, 15.137, 63.591

96, 7.084, 64.614

100, 0.363,
218.020

100, 0.417,
200.967

Harmonies

Complementary

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



72, 62.952, 58.629



71, 45.292, 261.111

Rectangle

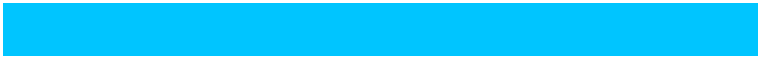
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72, 62.952, 58.629



72, 62.952, 108.629



72, 62.952, 238.629



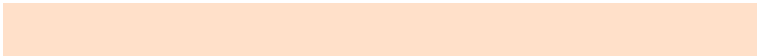
72, 62.952, 288.629

Sweetspot

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



72, 62.950, 58.632



91, 16.595, 63.417



62, 77.143, 346.095



47, 11.330, 63.131



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 62.950, 58.632



68, 76.900, 56.981



92, 75.751, 98.456



51, 4.336, 64.597



48, 71.570, 54.043



15, 27.349, 53.569

Inverse Universe

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



71, 45.292, 261.111



66, 52.745, 267.012



48, 91.763, 298.492



51, 4.184, 246.861



46, 49.007, 274.479



14, 20.404, 267.353

Previews

White Background



This preview shows how the CIELCh color 72, 62.952, 58.629 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 72, 62.952, 58.629 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 72, 62.952, 58.629

Background



This preview shows how black text looks on a background with the CIELCh color 72, 62.952, 58.629.



This preview shows how white text looks on a background with the CIELCh color 72, 62.952, 58.629.

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

72, 62.952, 58.629

Protanopia

72, 48.531, 95.503

Deuteranopia

72, 55.687, 80.225



Tritanopia
72, 44.824, 17.299

Trichromacy



Original Color
72, 62.952, 58.629

Protanomaly
72, 50.499, 79.337

Deuteranomaly
72, 57.066, 71.787

Tritanomaly
72, 48.370, 36.192

Monochromacy



Original Color
72, 62.952, 58.629

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 21.430, 63.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 62.952, 58.629 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, 151, 78)` looks like.

```
.text, #text, p{  
    color:rgb(254, 151, 78)  
}
```

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, 151, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 151, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 62.952, 58.629 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, 151, 78) }
```

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

```
.border{ border-color:rgb(254, 151, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 151, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 151, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 151, 78);  
box-shadow:4px 4px 4px 4px rgb(254, 151,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 62.952, 58.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 151, 78) }
```

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

```
.background{ background-color: rgb(254,  
151, 78) }
```

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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