

Converting Colors

CIELCh(72, 54.848, 37.095)

Have a look what the booklet for
CIELCh(72, 54.848, 37.095) contains.

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Color

CIELCh(71, 51.064, 37.566)

Conversions

Conversions Part 1

Format	Color
Hex	FF8E77
RGB	255, 142, 119
RGB Percent	100%, 56%, 47%
CMY	0.0000, 0.4413, 0.5316
CMYK	0.00, 0.44, 0.53, 0.00
HSL	10°, 100%, 73%
HSV	10°, 53%, 100%
XYZ	54.5338, 42.1875, 22.8592
YIQ	173.1650, 74.7310, 16.8030

Conversions

Conversions Part 2

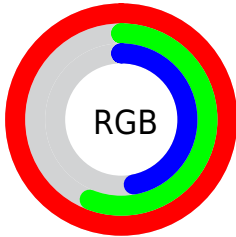
Format	Color
R_{YB}	255, 147, 119
Decimal	16748151
CIE _{Lab}	71.00, 40.48, 31.13
CIE _{LCh}	71, 51.064, 37.566
Yxy	42.1875, 0.4560, 0.3528
Android (android.graphics.Color)	4294938231 (0xFFFF8E77)
YUV	173.1650, -26.7033, 71.7693
Hunter-Lab	64.9519, 36.2034, 24.5998

Details

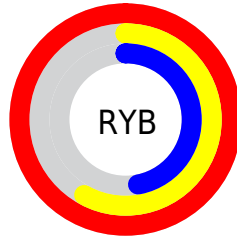
The CIELCh color **71, 51.064, 37.566** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **86, 33.408, 218.928**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 27.167, 50.654**, and **51, 51.210, 37.449** is the 20% darker color. If you saturate the color by 10%, you get **66, 62.607, 38.641**, and if you desaturate by 10%, it is **76, 39.675, 36.869**.

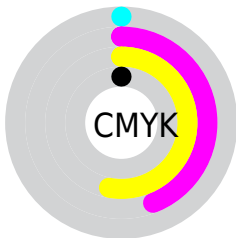
Distribution



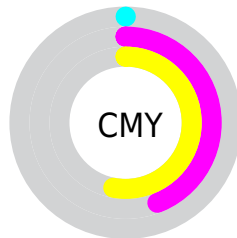
- Red (100%)
- Green (56%)
- Blue (47%)



- Red (100%)
- Yellow (58%)
- Blue (47%)



- Cyan (0%)
- Magenta (44%)
- Yellow (53%)
- Black (0%)



- Cyan (0%)
- Magenta (44%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 51.064, 37.566 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 71, 51.064, 37.566 by changing the saturation by 10% instead.

71, 51.064, 37.566

71, 51.064, 37.566

100, 51.064,
37.566

61, 51.064, 37.566

91, 51.064, 37.566

51, 51.064, 37.566

41, 51.064, 37.566

31, 51.064, 37.566

21, 51.064, 37.566

11, 51.064, 37.566

1, 51.064, 37.566

0, 51.064, 37.566

71, 51.064, 37.566

71, 51.064, 37.566

66, 62.607, 38.641

76, 39.675, 36.869

62, 74.669, 39.923

81, 29.241, 36.377

59, 86.359, 41.271

87, 19.576, 36.090

56, 96.195, 42.134

92, 10.664, 35.950

55, 101.018,
42.238

98, 2.456, 35.757

100, 0.012,
296.813

Harmonies

Complementary

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



71, 51.064, 37.566



86, 33.408, 218.928

Rectangle

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



71, 51.064, 37.566



71, 51.064, 87.566



71, 51.064, 217.566



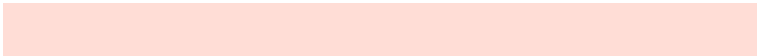
71, 51.064, 267.566

Sweetspot

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



71, 50.841, 37.613



91, 13.119, 35.979



70, 73.267, 332.815



47, 8.935, 36.005



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 50.841, 37.613



66, 63.612, 38.740



86, 50.605, 83.959



50, 4.536, 35.917



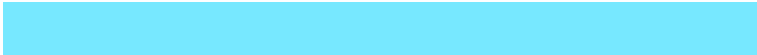
41, 80.946, 42.595



11, 30.421, 35.534

Inverse Universe

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



86, 33.408, 218.928



84, 37.557, 220.465



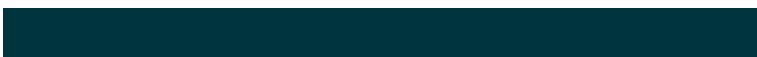
68, 50.503, 281.290



52, 4.268, 216.276



60, 35.080, 229.076



20, 16.151, 224.627

Previews

White Background



This preview shows how the CIELCh color 71, 51.064, 37.566 looks on a white background.

Color Contrast Check

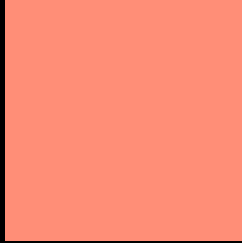
Large Text (above 18pt) WCAG AA × Fail

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 71, 51.064, 37.566 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 71, 51.064, 37.566

Background



This preview shows how black text looks on a background with the CIELCh color 71, 51.064, 37.566.

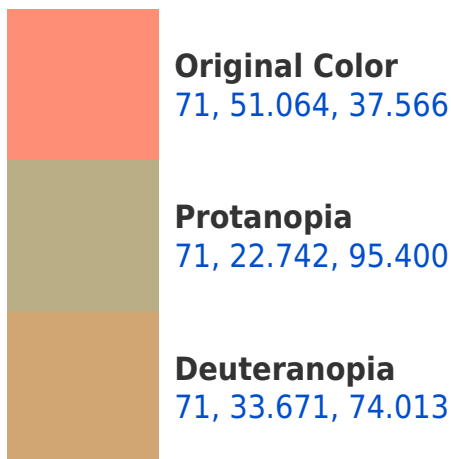


This preview shows how white text looks on a background with the CIELCh color 71, 51.064, 37.566.

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
71, 46.691, 18.501

Trichromacy



Original Color
71, 51.064, 37.566

Protanomaly
71, 28.231, 62.318

Deuteranomaly
71, 37.724, 55.807

Tritanomaly
71, 47.507, 26.077

Monochromacy



Original Color
71, 51.064, 37.566

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 17.078, 35.442

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 51.064, 37.566 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(255, 142, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 119)  
}
```

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(255, 142, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 51.064, 37.566 is called "border". The border property can be set on classes, ids or directly on the HTML element.

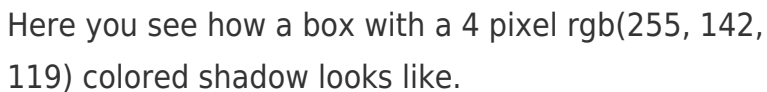
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 142, 119) }
```

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

```
.border{ border-color:rgb(255, 142, 119) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 142, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 119);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 51.064, 37.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 119) }
```

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

```
.background{ background-color: rgb(255,  
142, 119) }
```

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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