

Converting Colors

CIELCh(71, 49.350, 37.050)

Have a look what the booklet for
CIELCh(71, 49.350, 37.050) contains.

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Color

CIELCh(71, 49.417, 37.248)

Conversions

Conversions Part 1

Format	Color
Hex	FE907A
RGB	254, 144, 122
RGB Percent	100%, 56%, 48%
CMY	0.0059, 0.4370, 0.5232
CMYK	0.00, 0.43, 0.52, 0.01
HSL	10°, 98%, 74%
HSV	10°, 52%, 99%
XYZ	54.0866, 42.1875, 23.5714
YIQ	174.3820, 72.6220, 16.4780

Conversions

Conversions Part 2

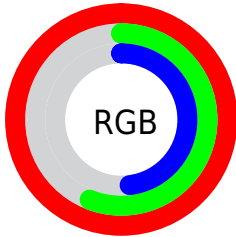
Format	Color
RYB	254, 148, 122
Decimal	16683130
CIELab	71.00, 39.34, 29.91
CIELCh	71, 49.417, 37.248
Yxy	42.1875, 0.4513, 0.3520
Android (android.graphics.Color)	4294873210 (0xFFFE907A)
YUV	174.3820, -25.8243, 69.8250
Hunter-Lab	64.9519, 34.9743, 23.9496

Details

The CIELCh color **71, 49.417, 37.248** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86, 32.811, 218.315**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 25.778, 49.695**, and **51, 49.421, 36.997** is the 20% darker color. If you saturate the color by 10%, you get **66, 61.084, 38.276**, and if you desaturate by 10%, it is **76, 38.360, 36.513**.

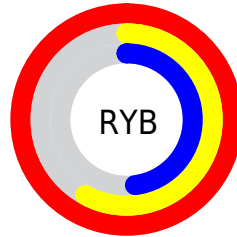
Distribution



Red (100%)

Green (56%)

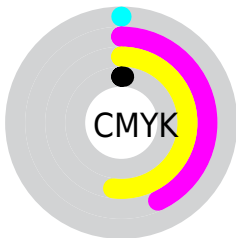
Blue (48%)



Red (100%)

Yellow (58%)

Blue (48%)

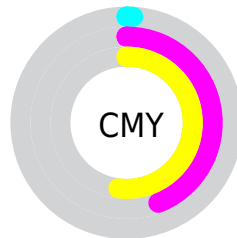


Cyan (0%)

Magenta (43%)

Yellow (52%)

Black (1%)



Cyan (1%)

Magenta (44%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 49.417, 37.248 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, 49.417, 37.248 by changing the saturation by 10% instead.

71, 49.417, 37.248

71, 49.417, 37.248

100, 49.417,
37.248

61, 49.417, 37.248

91, 49.417, 37.248

51, 49.417, 37.248

41, 49.417, 37.248

31, 49.417, 37.248

21, 49.417, 37.248

11, 49.417, 37.248

1, 49.417, 37.248

0, 49.417, 37.248

71, 49.417, 37.248

71, 49.417, 37.248

66, 61.084, 38.276

76, 38.360, 36.513

62, 73.090, 39.570

81, 28.041, 36.026

59, 84.826, 40.971

87, 18.488, 35.739

56, 94.936, 41.977

93, 9.680, 35.594

55, 100.673,
42.166

98, 1.570, 35.254

100, 0.520,
200.646

Harmonies

Complementary

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



71, 49.417, 37.248



86, 32.811, 218.315

Rectangle

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



71, 49.417, 37.248



71, 49.417, 87.248



71, 49.417, 217.248



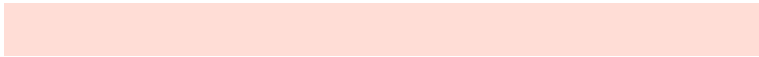
71, 49.417, 267.248

Sweetspot

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



71, 49.415, 37.252



91, 13.148, 35.640



70, 72.398, 332.108



47, 8.954, 35.669



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, 49.415, 37.252



67, 61.337, 38.274



86, 48.760, 82.723



50, 4.546, 35.568



41, 81.043, 42.511



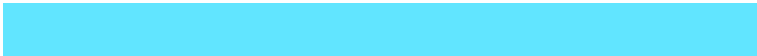
11, 30.468, 35.366

Inverse Universe

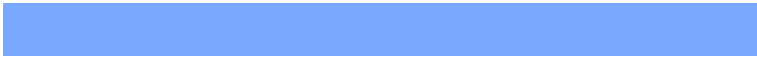
The Inverse Universe completely reimagines the original color for something new.



86, 32.811, 218.315



85, 36.926, 219.631



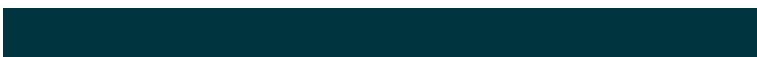
69, 48.013, 279.712



52, 4.277, 215.897



61, 35.071, 228.362



20, 16.160, 224.006

Previews

White Background



This preview shows how the CIELCh color 71, 49.417, 37.248 looks on a white background.

Color Contrast Check

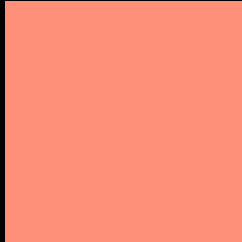
Large Text (above 18pt) WCAG AA × Fail

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, 49.417, 37.248 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, 49.417, 37.248

Background



This preview shows how black text looks on a background with the CIELCh color 71, 49.417, 37.248.



This preview shows how white text looks on a background with the CIELCh color 71, 49.417, 37.248.

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](#).

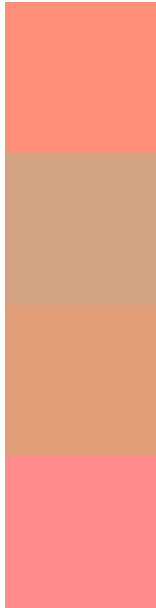
Dichromacy





Tritanopia
71, 46.626, 17.847

Trichromacy



Original Color
71, 49.417, 37.248

Protanomaly
71, 27.429, 60.885

Deuteranomaly
71, 36.569, 55.984

Tritanomaly
71, 46.818, 24.791

Monochromacy



Original Color
71, 49.417, 37.248

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 16.656, 35.769

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 49.417, 37.248 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, 144, 122)` looks like.

```
.text, #text, p{  
    color:rgb(254, 144, 122)  
}
```

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, 144, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 144, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 49.417, 37.248 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, 144, 122) }
```

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

```
.border{ border-color:rgb(254, 144, 122) }
```

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

Here you see how a box with a 4 pixel rgb(254, 144, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 144, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 144, 122);  
box-shadow:4px 4px 4px 4px rgb(254, 144,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 49.417, 37.248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 144, 122) }
```

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

```
.background{ background-color: rgb(254,  
144, 122) }
```

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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