

Converting Colors

CIELCh(80, 74.481, 34.608)

Have a look what the booklet for
CIELCh(80, 74.481, 34.608) contains.

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Color

CIELCh(72, 49.343, 37.231)

Conversions

Conversions Part 1

Format	Color
Hex	FF927C
RGB	255, 146, 124
RGB Percent	100%, 57%, 49%
CMY	0.0000, 0.4262, 0.5128
CMYK	0.00, 0.43, 0.51, 0.00
HSL	10°, 100%, 74%
HSV	10°, 51%, 100%
XYZ	55.7722, 43.6590, 24.6355
YIQ	176.0830, 72.0260, 16.2660

Conversions

Conversions Part 2

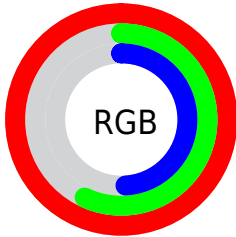
Format	Color
R _Y B	255, 150, 124
Decimal	16749180
CIE Lab	72.00, 39.29, 29.85
CIE LCh	72, 49.343, 37.231
Yxy	43.6590, 0.4495, 0.3519
Android (android.graphics.Color)	4294939260 (0xFFFF927C)
YUV	176.0830, -25.6769, 69.2102
Hunter-Lab	66.0750, 35.0361, 24.1467

Details

The CIELCh color **72, 49.343, 37.231** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 32.590, 218.548**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 25.007, 50.572**, and **52, 48.792, 36.982** is the 20% darker color. If you saturate the color by 10%, you get **67, 60.395, 38.347**, and if you desaturate by 10%, it is **77, 37.679, 36.662**.

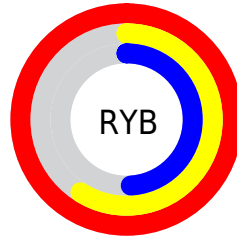
Distribution



Red (100%)

Green (57%)

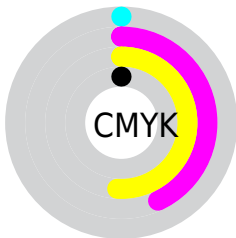
Blue (49%)



Red (100%)

Yellow (59%)

Blue (49%)

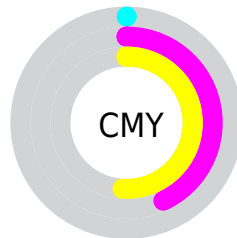


Cyan (0%)

Magenta (43%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (43%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 49.343, 37.231 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, 49.343, 37.231 by changing the saturation by 10% instead.

72, 49.343, 37.231

72, 49.343, 37.231

100, 49.343,
37.231

62, 49.343, 37.231

92, 49.343, 37.231

52, 49.343, 37.231

42, 49.343, 37.231

32, 49.343, 37.231

22, 49.343, 37.231

12, 49.343, 37.231

2, 49.343, 37.231

0, 49.343, 37.231

72, 49.343, 37.231

72, 49.343, 37.231

67, 60.395, 38.347

77, 37.679, 36.662

63, 72.441, 39.601

82, 27.382, 36.206

60, 84.284, 40.978

88, 17.854, 35.944

57, 94.636, 42.012

93, 9.072, 35.818

55, 101.056,
42.212

99, 0.985, 35.249

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.



72, 49.343, 37.231



87, 32.590, 218.548

Rectangle

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



72, 49.343, 37.231



72, 49.343, 87.231



72, 49.343, 217.231



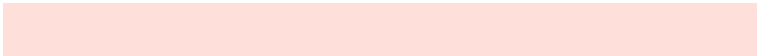
72, 49.343, 267.231

Sweetspot

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



72, 48.721, 37.364



91, 12.256, 35.855



71, 71.022, 332.688



47, 8.437, 35.880



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, 48.721, 37.364



67, 61.257, 38.429



87, 48.786, 84.234



50, 4.540, 35.801



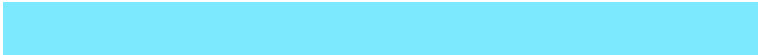
41, 80.979, 42.567



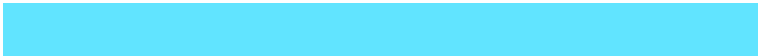
11, 30.437, 35.478

Inverse Universe

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



87, 32.590, 218.548



85, 36.893, 219.974



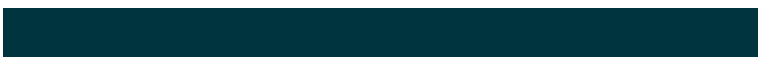
69, 48.626, 280.771



52, 4.271, 216.149



60, 35.077, 228.838



20, 16.154, 224.420

Previews

White Background



This preview shows how the CIELCh color 72, 49.343, 37.231 looks on a white background.

Color Contrast Check

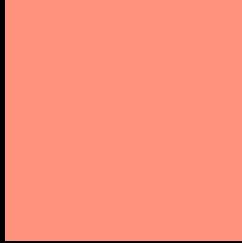
Large Text (above 18pt) WCAG AA × Fail

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, 49.343, 37.231 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, 49.343, 37.231

Background



This preview shows how black text looks on a background with the CIELCh color 72, 49.343, 37.231.

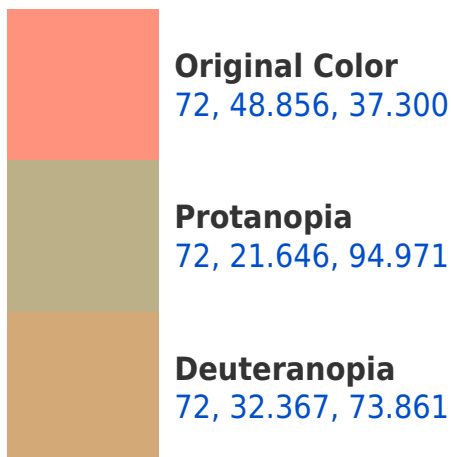


This preview shows how white text looks on a background with the CIELCh color 72, 49.343, 37.231.

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](#).

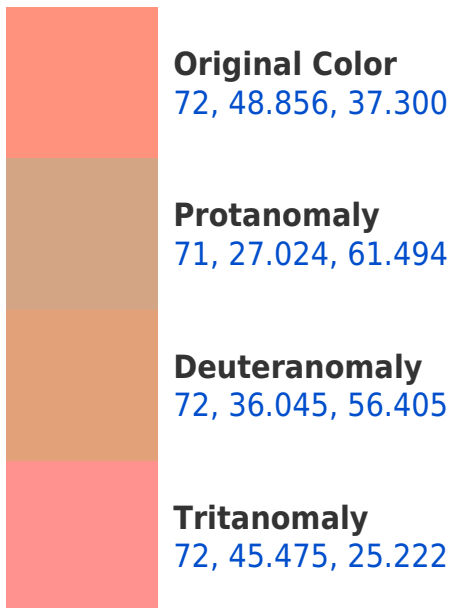
Dichromacy



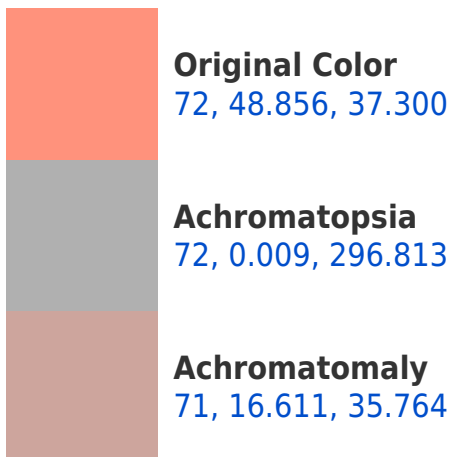


Tritanopia
72, 44.879, 17.978

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 49.343, 37.231 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, 146, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 124)  
}
```

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, 146, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 49.343, 37.231 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, 146, 124) }
```

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

```
.border{ border-color:rgb(255, 146, 124) }
```

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

Here you see how a box with a 4 pixel rgb(255, 146, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 49.343, 37.231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 124) }
```

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

```
.background{ background-color: rgb(255,  
146, 124) }
```

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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