

Converting Colors

CIELCh(87, 93.383, 38.065)

Have a look what the booklet for
CIELCh(87, 93.383, 38.065) contains.

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Color

CIELCh(72, 51.305, 44.755)

Conversions

Conversions Part 1

Format	Color
Hex	FE9471
RGB	254, 148, 113
RGB Percent	100%, 58%, 44%
CMY	0.0023, 0.4177, 0.5588
CMYK	0.00, 0.42, 0.56, 0.00
HSL	15°, 99%, 72%
HSV	15°, 56%, 100%
XYZ	54.6392, 43.6590, 21.0262
YIQ	175.7040, 74.4110, 11.5870

Conversions

Conversions Part 2

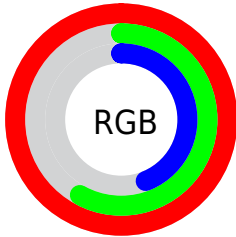
Format	Color
R _Y B	254, 160, 113
Decimal	16684145
CIE Lab	72.00, 36.43, 36.12
CIE LCh	72, 51.305, 44.755
Yxy	43.6590, 0.4579, 0.3659
Android (android.graphics.Color)	4294874225 (0xFFFE9471)
YUV	175.7040, -30.9131, 68.6656
Hunter-Lab	66.0750, 31.9752, 27.3854

Details

The CIELCh color **72, 51.305, 44.755** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **82, 33.958, 232.251**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 29.209, 62.749**, and **52, 51.054, 44.630** is the 20% darker color. If you saturate the color by 10%, you get **68, 62.706, 45.059**, and if you desaturate by 10%, it is **77, 40.481, 44.625**.

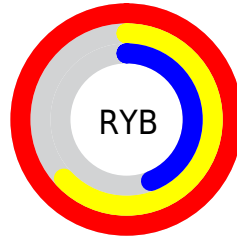
Distribution



Red (100%)

Green (58%)

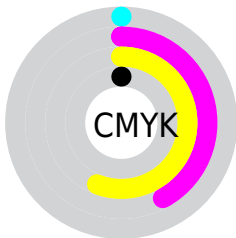
Blue (44%)



Red (100%)

Yellow (63%)

Blue (44%)

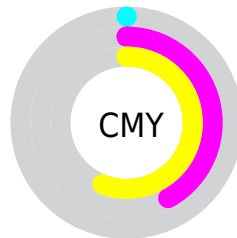


Cyan (0%)

Magenta (42%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (42%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 51.305, 44.755 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, 51.305, 44.755 by changing the saturation by 10% instead.

72, 51.305, 44.755

72, 51.305, 44.755

100, 51.305,
44.755

62, 51.305, 44.755

92, 51.305, 44.755

52, 51.305, 44.755

42, 51.305, 44.755

32, 51.305, 44.755

22, 51.305, 44.755

12, 51.305, 44.755

2, 51.305, 44.755

0, 51.305, 44.755

72, 51.305, 44.755

72, 51.305, 44.755

68, 62.706, 45.059

77, 40.481, 44.625

64, 74.350, 45.449

81, 30.370, 44.661

61, 85.446, 45.683

86, 20.996, 44.842

58, 94.363, 45.186

91, 12.335, 45.131

57, 97.352, 44.823

97, 4.337, 45.440

100, 0.207,
202.590

Harmonies

Complementary

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



72, 51.305, 44.755



82, 33.958, 232.251

Rectangle

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



72, 51.305, 44.755



72, 51.305, 94.755



72, 51.305, 224.755



72, 51.305, 274.755

Sweetspot

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



72, 51.303, 44.759



91, 13.386, 45.092



68, 72.033, 336.481



47, 9.027, 45.029



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, 51.303, 44.759



67, 64.255, 45.105



88, 56.110, 90.120



50, 4.344, 45.339



43, 78.064, 45.318



12, 29.198, 40.502

Inverse Universe

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



82, 33.958, 232.251



80, 38.395, 235.043



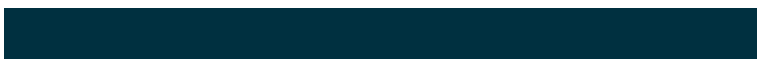
63, 59.565, 287.548



51, 4.107, 226.458



55, 37.023, 247.102



18, 16.530, 240.675

Previews

White Background



This preview shows how the CIELCh color 72, 51.305, 44.755 looks on a white background.

Color Contrast Check

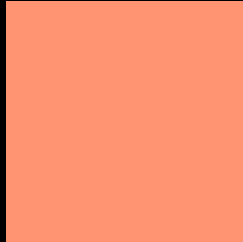
Large Text (above 18pt) WCAG AA × Fail

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, 51.305, 44.755 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, 51.305, 44.755

Background



This preview shows how black text looks on a background with the CIELCh color 72, 51.305, 44.755.



This preview shows how white text looks on a background with the CIELCh color 72, 51.305, 44.755.

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](#).

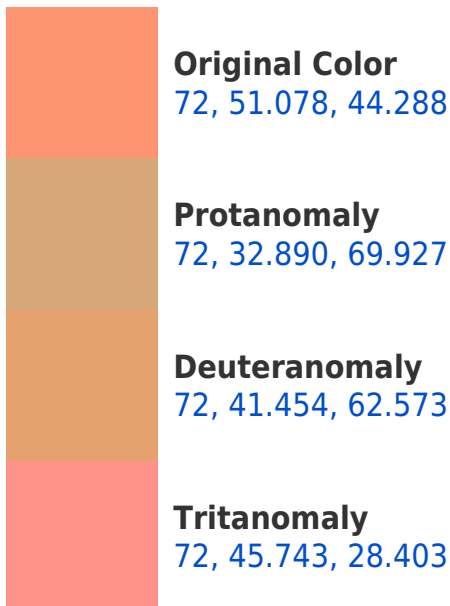
Dichromacy





Tritanopia
72, 44.824, 17.299

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 51.305, 44.755 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, 148, 113)` looks like.

```
.text, #text, p{  
    color:rgb(254, 148, 113)  
}
```

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, 148, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 148, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 51.305, 44.755 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, 148, 113) }
```

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

```
.border{ border-color:rgb(254, 148, 113) }
```

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

Here you see how a box with a 4 pixel rgb(254, 148, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 148, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 148, 113);  
box-shadow:4px 4px 4px 4px rgb(254, 148,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 51.305, 44.755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 148, 113) }
```

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

```
.background{ background-color: rgb(254,  
148, 113) }
```

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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