

Converting Colors

CIELCh(72, 51.122, 42.875)

Have a look what the booklet for
CIELCh(72, 51.122, 42.875) contains.

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Color

CIELCh(72, 50.884, 43.186)

Conversions

Conversions Part 1

Format	Color
Hex	FF9473
RGB	255, 148, 115
RGB Percent	100%, 58%, 45%
CMY	0.0002, 0.4197, 0.5491
CMYK	0.00, 0.42, 0.55, 0.00
HSL	14°, 100%, 73%
HSV	14°, 55%, 100%
XYZ	54.9031, 43.6590, 21.7431
YIQ	176.2310, 74.3650, 12.4210

Conversions

Conversions Part 2

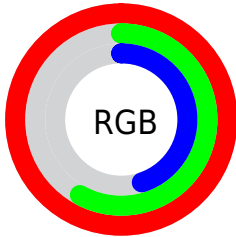
Format	Color
R_{YB}	255, 158, 115
Decimal	16749683
CIE _{Lab}	72.00, 37.10, 34.82
CIE _{LCh}	72, 50.884, 43.186
Yxy	43.6590, 0.4564, 0.3629
Android (android.graphics.Color)	4294939763 (0xFFFF9473)
YUV	176.2310, -30.1869, 69.0804
Hunter-Lab	66.0750, 32.6883, 26.7421

Details

The CIELCh color **72, 50.884, 43.186** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **83, 33.611, 229.275**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 28.438, 61.405**, and **52, 50.825, 43.534** is the 20% darker color. If you saturate the color by 10%, you get **68, 62.371, 43.640**, and if you desaturate by 10%, it is **77, 39.994, 42.930**.

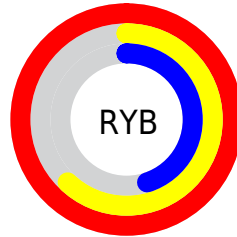
Distribution



Red (100%)

Green (58%)

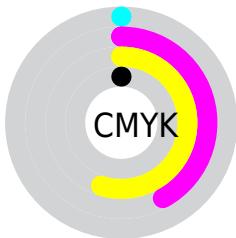
Blue (45%)



Red (100%)

Yellow (62%)

Blue (45%)

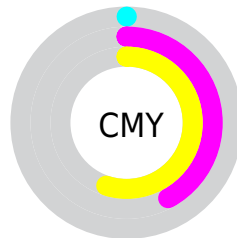


Cyan (0%)

Magenta (42%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (42%)

Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 50.884, 43.186 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, 50.884, 43.186 by changing the saturation by 10% instead.

 72, 50.884, 43.186

 72, 50.884, 43.186

 100, 50.884,
43.186

 62, 50.884, 43.186

 92, 50.884, 43.186

 52, 50.884, 43.186

 42, 50.884, 43.186

 32, 50.884, 43.186

 22, 50.884, 43.186

 12, 50.884, 43.186

 2, 50.884, 43.186

 0, 50.884, 43.186

 72, 50.884, 43.186

 72, 50.884, 43.186

68, 62.371, 43.640

77, 39.994, 42.930

64, 74.143, 44.220

82, 29.829, 42.857

60, 85.454, 44.699

87, 20.415, 42.941

58, 94.721, 44.519

92, 11.724, 43.141

57, 98.339, 44.172

97, 3.705, 43.345

100, 0.017,
243.225

Harmonies

Complementary

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



72, 50.884, 43.186



83, 33.611, 229.275

Rectangle

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



72, 50.884, 43.186



72, 50.884, 93.186



72, 50.884, 223.186



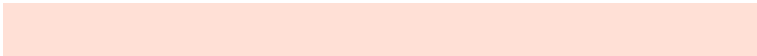
72, 50.884, 273.186

Sweetspot

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



72, 50.882, 43.190



91, 12.641, 43.115



69, 72.012, 335.674



48, 8.607, 43.069



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, 50.882, 43.190



67, 63.660, 43.700



88, 54.696, 88.997



50, 4.374, 43.271



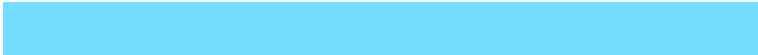
43, 78.733, 44.642



12, 29.455, 39.337

Inverse Universe

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



83, 33.611, 229.275



81, 37.902, 231.768



64, 57.346, 286.299



52, 4.130, 224.231



56, 36.334, 243.385



18, 16.351, 237.290

Previews

White Background



This preview shows how the CIELCh color 72, 50.884, 43.186 looks on a white background.

Color Contrast Check

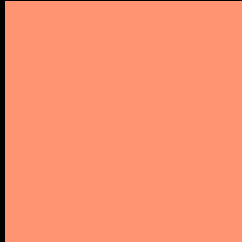
Large Text (above 18pt) WCAG AA × Fail

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, 50.884, 43.186 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, 50.884, 43.186

Background



This preview shows how black text looks on a background with the CIELCh color 72, 50.884, 43.186.

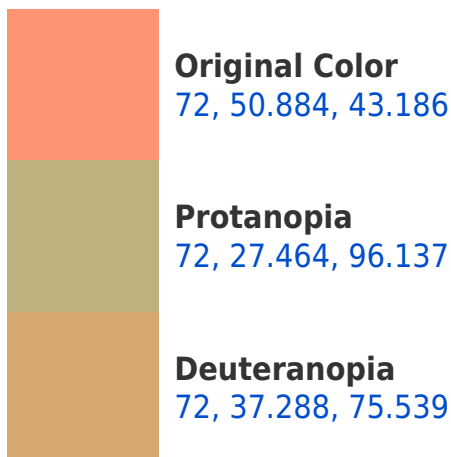


This preview shows how white text looks on a background with the CIELCh color 72, 50.884, 43.186.

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



Original Color
72, 50.884, 43.186

Protanomaly
72, 31.467, 67.297

Deuteranomaly
72, 40.632, 60.829

Tritanomaly
72, 45.903, 27.158

Monochromacy



Original Color
72, 50.884, 43.186

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 17.062, 42.896

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 50.884, 43.186 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, 148, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 148, 115)  
}
```

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, 148, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 148, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 50.884, 43.186 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, 148, 115) }
```

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

```
.border{ border-color:rgb(255, 148, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 148, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 148, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 148, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 148,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 50.884, 43.186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 148, 115) }
```

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

```
.background{ background-color: rgb(255,  
148, 115) }
```

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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