

Converting Colors

CIELCh(72, 51.805, 45.902)

Have a look what the booklet for
CIELCh(72, 51.805, 45.902) contains.

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Color

CIELCh(72, 51.842, 46.294)

Conversions

Conversions Part 1

Format	Color
Hex	FE956E
RGB	254, 149, 110
RGB Percent	100%, 58%, 43%
CMY	0.0042, 0.4159, 0.5688
CMYK	0.00, 0.41, 0.57, 0.00
HSL	16°, 99%, 71%
HSV	16°, 57%, 100%
XYZ	54.3981, 43.6590, 20.2962
YIQ	175.9490, 75.0990, 10.1310

Conversions

Conversions Part 2

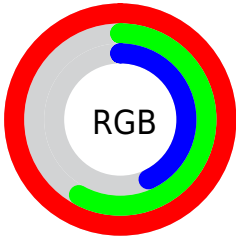
Format	Color
R_{YB}	254, 163, 110
Decimal	16684398
CIE _{Lab}	72.00, 35.82, 37.48
CIE _{LCh}	72, 51.842, 46.294
Yxy	43.6590, 0.4596, 0.3689
Android (android.graphics.Color)	4294874478 (0xFFFE956E)
YUV	175.9490, -32.5129, 68.4507
Hunter-Lab	66.0750, 31.3240, 28.0405

Details

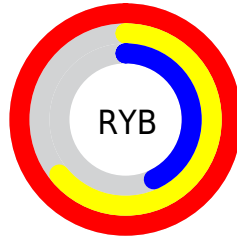
The CIELCh color **72, 51.842, 46.294** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **81, 34.424, 235.204**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 30.471, 65.769**, and **52, 51.878, 46.609** is the 20% darker color. If you saturate the color by 10%, you get **68, 63.158, 46.450**, and if you desaturate by 10%, it is **76, 41.076, 46.286**.

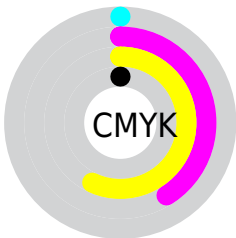
Distribution



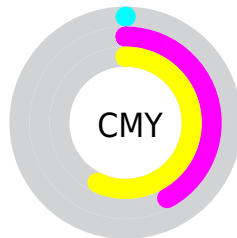
- Red (100%)
- Green (58%)
- Blue (43%)



- Red (100%)
- Yellow (64%)
- Blue (43%)



- Cyan (0%)
- Magenta (41%)
- Yellow (57%)
- Black (0%)



- Cyan (0%)
- Magenta (42%)
- Yellow (57%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 51.842, 46.294 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, 51.842, 46.294 by changing the saturation by 10% instead.

 72, 51.842, 46.294

 72, 51.842, 46.294

 100, 51.842,
46.294

 62, 51.842, 46.294

 92, 51.842, 46.294

 52, 51.842, 46.294


 42, 51.842, 46.294

 32, 51.842, 46.294

 22, 51.842, 46.294

 12, 51.842, 46.294

 2, 51.842, 46.294

 0, 51.842, 46.294

 72, 51.842, 46.294

 72, 51.842, 46.294

68, 63.158, 46.450

76, 41.076, 46.286

64, 74.666, 46.655

81, 31.004, 46.427

61, 85.517, 46.644

86, 21.657, 46.702

58, 94.049, 45.837

91, 13.012, 47.079

57, 96.384, 45.511

96, 5.019, 47.484

100, 0.371,
201.169

Harmonies

Complementary

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



72, 51.842, 46.294



81, 34.424, 235.204

Rectangle

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



72, 51.842, 46.294



72, 51.842, 96.294



72, 51.842, 226.294



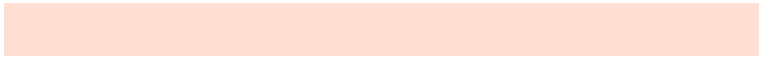
72, 51.842, 276.294

Sweetspot

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



72, 51.840, 46.298



91, 13.305, 47.066



67, 72.122, 337.323



48, 8.971, 46.985



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, 51.840, 46.298



68, 64.875, 46.478



89, 57.623, 91.205



50, 4.319, 47.379



44, 77.391, 46.030



13, 28.953, 41.694

Inverse Universe

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



81, 34.424, 235.204



79, 39.001, 238.272



62, 61.941, 288.770



51, 4.090, 228.651



54, 37.833, 250.619



17, 16.757, 243.923

Previews

White Background



This preview shows how the CIELCh color 72, 51.842, 46.294 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, 51.842, 46.294 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

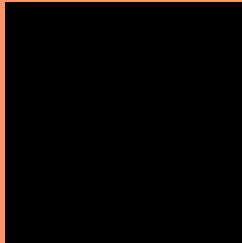
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 51.842, 46.294

Background



This preview shows how black text looks on a background with the CIELCh color 72, 51.842, 46.294.



This preview shows how white text looks on a background with the CIELCh color 72, 51.842, 46.294.

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, 51.842, 46.294

Protanomaly
72, 34.233, 71.295

Deuteranomaly
72, 42.692, 63.819

Tritanomaly
72, 45.909, 29.036

Monochromacy



Original Color
72, 51.842, 46.294

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 17.211, 46.574

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 51.842, 46.294 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, 149, 110)` looks like.

```
.text, #text, p{  
    color:rgb(254, 149, 110)  
}
```

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, 149, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 149, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 51.842, 46.294 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, 149, 110) }
```

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

```
.border{ border-color:rgb(254, 149, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 149, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 149, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 149, 110);  
box-shadow:4px 4px 4px 4px rgb(254, 149,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 51.842, 46.294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 149, 110) }
```

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

```
.background{ background-color: rgb(254,  
149, 110) }
```

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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