

Converting Colors

CIELCh(71, 60.019, 53.421)

Have a look what the booklet for
CIELCh(71, 60.019, 53.421) contains.

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Color

CIELCh(71, 60.107, 53.408)

Conversions

Conversions Part 1

Format	Color
Hex	FE9257
RGB	254, 146, 87
RGB Percent	100%, 57%, 34%
CMY	0.0050, 0.4284, 0.6597
CMYK	0.00, 0.43, 0.66, 0.01
HSL	21°, 98%, 67%
HSV	21°, 66%, 99%
XYZ	52.7250, 42.1875, 14.3333
YIQ	171.5660, 83.3070, 4.5470

Conversions

Conversions Part 2

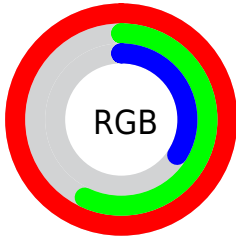
Format	Color
RYB	254, 178, 87
Decimal	16683607
CIELab	71.00, 35.83, 48.26
CIELCh	71, 60.107, 53.408
Yxy	42.1875, 0.4826, 0.3862
Android (android.graphics.Color)	4294873687 (0xFFFE9257)
YUV	171.5660, -41.6910, 72.2946
Hunter-Lab	64.9519, 31.2323, 32.3825

Details

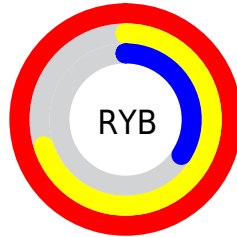
The CIELCh color **71, 60.107, 53.408** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **75, 40.382, 250.883**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 39.958, 73.087**, and **51, 59.959, 53.406** is the 20% darker color. If you saturate the color by 10%, you get **67, 70.971, 52.827**, and if you desaturate by 10%, it is **75, 49.378, 53.958**.

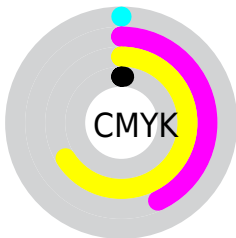
Distribution



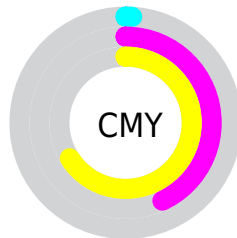
- Red (100%)
- Green (57%)
- Blue (34%)



- Red (100%)
- Yellow (70%)
- Blue (34%)



- Cyan (0%)
- Magenta (43%)
- Yellow (66%)
- Black (1%)



- Cyan (1%)
- Magenta (43%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 60.107, 53.408 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, 60.107, 53.408 by changing the saturation by 10% instead.

71, 60.107, 53.408

71, 60.107, 53.408

100, 60.107,
53.408

61, 60.107, 53.408

91, 60.107, 53.408

51, 60.107, 53.408

41, 60.107, 53.408

31, 60.107, 53.408

21, 60.107, 53.408

11, 60.107, 53.408

1, 60.107, 53.408

0, 60.107, 53.408

71, 60.107, 53.408

71, 60.107, 53.408

67, 70.971, 52.827

75, 49.378, 53.958

64, 81.200, 51.968

79, 39.133, 54.558

61, 89.345, 50.357

83, 29.498, 55.233

60, 92.122, 49.532

88, 20.498, 55.979

92, 12.111, 56.773

97, 4.291, 57.542

100, 0.444,
200.870

Harmonies

Complementary

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



71, 60.107, 53.408



75, 40.382, 250.883

Rectangle

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



71, 60.107, 53.408



71, 60.107, 103.408



71, 60.107, 233.408



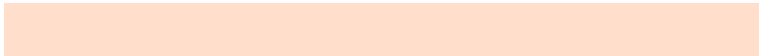
71, 60.107, 283.408

Sweetspot

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



71, 60.105, 53.412



91, 15.628, 56.435



63, 76.627, 342.598



47, 10.770, 56.212



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, 60.105, 53.412



67, 74.677, 52.598



91, 69.986, 95.724



51, 4.281, 57.274



46, 74.026, 50.158



14, 27.910, 48.099

Inverse Universe

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



75, 40.382, 250.883



71, 46.277, 256.121



53, 81.436, 295.479



51, 4.093, 239.189



50, 43.373, 265.522



15, 18.490, 258.254

Previews

White Background



This preview shows how the CIELCh color 71, 60.107, 53.408 looks on a white background.

Color Contrast Check

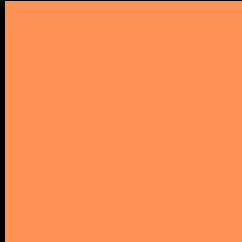
Large Text (above 18pt) WCAG AA × Fail

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, 60.107, 53.408 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, 60.107, 53.408

Background



This preview shows how black text looks on a background with the CIELCh color 71, 60.107, 53.408.



This preview shows how white text looks on a background with the CIELCh color 71, 60.107, 53.408.

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



Original Color

71, 60.107, 53.408

Protanopia

71, 42.266, 95.296

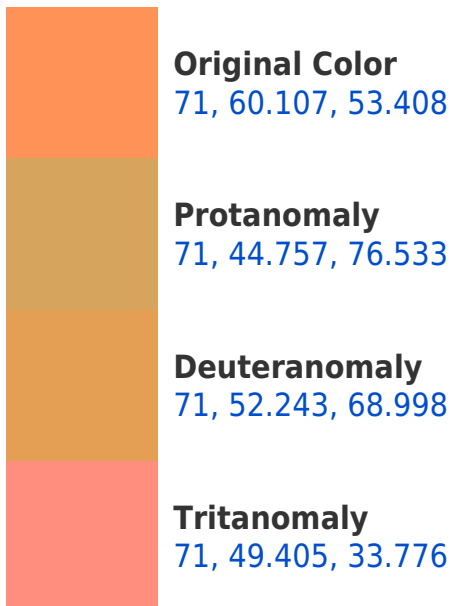
Deuteranopia

71, 50.324, 79.739

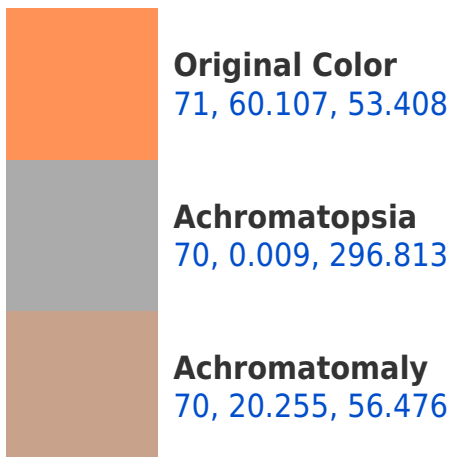


Tritanopia
71, 46.691, 18.501

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 60.107, 53.408 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, 146, 87)` looks like.

```
.text, #text, p{  
    color:rgb(254, 146, 87)  
}
```

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, 146, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 146, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 60.107, 53.408 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, 146, 87) }
```

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

```
.border{ border-color:rgb(254, 146, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 146, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 146, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 146, 87);  
box-shadow:4px 4px 4px 4px rgb(254, 146,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 60.107, 53.408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 146, 87) }
```

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

```
.background{ background-color: rgb(254,  
146, 87) }
```

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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