

Converting Colors

CIELCh(70, 59.772, 51.377)

Have a look what the booklet for
CIELCh(70, 59.772, 51.377) contains.

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Color

CIELCh(70, 59.811, 51.669)

Conversions

Conversions Part 1

Format	Color
Hex	FC8E57
RGB	252, 142, 87
RGB Percent	99%, 56%, 34%
CMY	0.0116, 0.4430, 0.6587
CMYK	0.00, 0.44, 0.65, 0.01
HSL	20°, 97%, 66%
HSV	20°, 65%, 99%
XYZ	51.5610, 40.7494, 14.1723
YIQ	168.6200, 83.2150, 6.2150

Conversions

Conversions Part 2

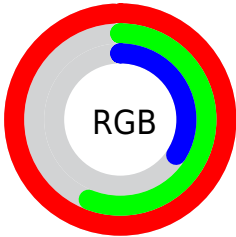
Format	Color
RYB	252, 170, 87
Decimal	16551511
CIELab	70.00, 37.09, 46.92
CIELCh	70, 59.811, 51.669
Yxy	40.7494, 0.4842, 0.3827
Android (android.graphics.Color)	4294741591 (0xFFFC8E57)
YUV	168.6200, -40.2387, 73.1243
Hunter-Lab	63.8353, 32.4661, 31.5215

Details

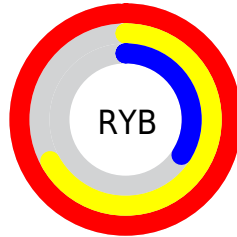
The CIELCh color **70, 59.811, 51.669** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **75, 39.284, 247.663**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 39.878, 70.047**, and **50, 59.791, 51.766** is the 20% darker color. If you saturate the color by 10%, you get **66, 70.788, 51.269**, and if you desaturate by 10%, it is **74, 49.021, 52.066**.

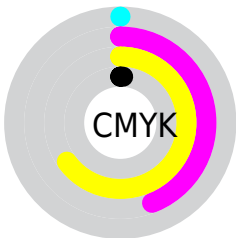
Distribution



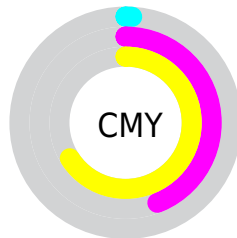
- Red (99%)
- Green (56%)
- Blue (34%)



- Red (99%)
- Yellow (67%)
- Blue (34%)



- Cyan (0%)
- Magenta (44%)
- Yellow (65%)
- Black (1%)



- Cyan (1%)
- Magenta (44%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 59.811, 51.669 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 70, 59.811, 51.669 by changing the saturation by 10% instead.

70, 59.811, 51.669

70, 59.811, 51.669

100, 59.811,
51.669

60, 59.811, 51.669

90, 59.811, 51.669

50, 59.811, 51.669

40, 59.811, 51.669

30, 59.811, 51.669

20, 59.811, 51.669

10, 59.811, 51.669

0, 59.811, 51.669

70, 59.811, 51.669

70, 59.811, 51.669

66, 70.788, 51.269

74, 49.021, 52.066

63, 81.207, 50.625

78, 38.748, 52.533

60, 89.618, 49.253

83, 29.111, 53.094

59, 92.680, 48.453

87, 20.131, 53.739

92, 11.782, 54.442

96, 4.015, 55.121

100, 1.028,
199.985

Harmonies

Complementary

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



70, 59.811, 51.669



75, 39.284, 247.663

Rectangle

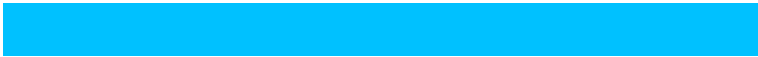
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70, 59.811, 51.669



70, 59.811, 101.669



70, 59.811, 231.669



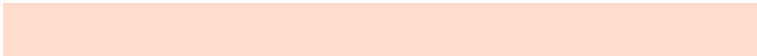
70, 59.811, 281.669

Sweetspot

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



70, 59.809, 51.672



90, 15.639, 54.117



63, 76.724, 341.629



47, 10.782, 53.920



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70, 59.809, 51.672



66, 75.305, 51.085



89, 68.474, 94.679



50, 4.208, 54.867



45, 74.080, 49.077



13, 26.914, 45.991

Inverse Universe

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



75, 39.284, 247.663



72, 45.122, 252.895



53, 78.844, 294.624



50, 4.013, 236.639



50, 41.357, 262.161



15, 17.444, 254.571

Previews

White Background



This preview shows how the CIELCh color 70, 59.811, 51.669 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 70, 59.811, 51.669 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 70, 59.811, 51.669

Background



This preview shows how black text looks on a background with the CIELCh color 70, 59.811, 51.669.

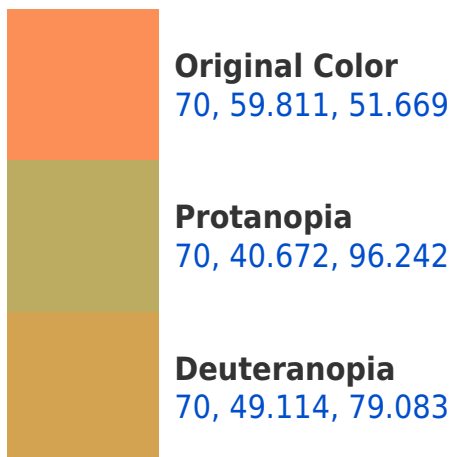


This preview shows how white text looks on a background with the CIELCh color 70, 59.811, 51.669.

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
70, 48.893, 18.526

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 59.811, 51.669 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(252, 142, 87)` looks like.

```
.text, #text, p{  
    color:rgb(252, 142, 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(252, 142, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 142, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 59.811, 51.669 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(252, 142, 87) }
```

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

```
.border{ border-color:rgb(252, 142, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 142, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 142, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 142, 87);  
box-shadow:4px 4px 4px 4px rgb(252, 142,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 59.811, 51.669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 142, 87) }
```

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

```
.background{ background-color: rgb(252,  
142, 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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