

Converting Colors

CIELCh(67, 61.232, 40.490)

Have a look what the booklet for
CIELCh(67, 61.232, 40.490) contains.

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Color

CIELCh(67, 61.342, 40.337)

Conversions

Conversions Part 1

Format	Color
Hex	FE7D5E
RGB	254, 125, 94
RGB Percent	100%, 49%, 37%
CMY	0.0031, 0.5091, 0.6307
CMYK	0.00, 0.51, 0.63, 0.00
HSL	12°, 99%, 68%
HSV	12°, 63%, 100%
XYZ	50.3312, 36.6320, 15.0454
YIQ	160.0370, 86.8350, 17.7070

Conversions

Conversions Part 2

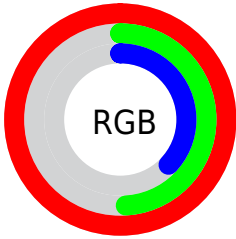
Format	Color
RYB	254, 132, 94
Decimal	16678238
CIELab	67.00, 46.76, 39.71
CIElCh	67, 61.342, 40.337
Yxy	36.6320, 0.4934, 0.3591
Android (android.graphics.Color)	4294868318 (0xFFFE7D5E)
YUV	160.0370, -32.5562, 82.4056
Hunter-Lab	60.5244, 42.5205, 27.6285

Details

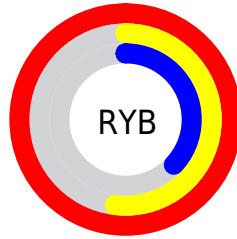
The CIELCh color **67, 61.342, 40.337** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **83, 36.840, 224.136**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 36.930, 51.091**, and **47, 61.292, 40.218** is the 20% darker color. If you saturate the color by 10%, you get **63, 73.278, 41.355**, and if you desaturate by 10%, it is **71, 49.740, 39.542**.

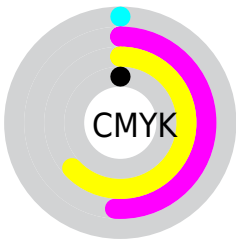
Distribution



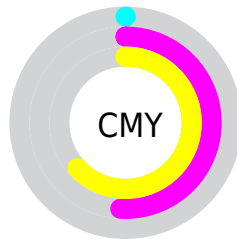
- Red (100%)
- Green (49%)
- Blue (37%)



- Red (100%)
- Yellow (52%)
- Blue (37%)



- Cyan (0%)
- Magenta (51%)
- Yellow (63%)
- Black (0%)



- Cyan (0%)
- Magenta (51%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 61.342, 40.337 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 67, 61.342, 40.337 by changing the saturation by 10% instead.

67, 61.342, 40.337

67, 61.342, 40.337

100, 61.342,
40.337

57, 61.342, 40.337

87, 61.342, 40.337

47, 61.342, 40.337

97, 61.342, 40.337

37, 61.342, 40.337

27, 61.342, 40.337

17, 61.342, 40.337

7, 61.342, 40.337

0, 61.342, 40.337

67, 61.342, 40.337

67, 61.342, 40.337

63, 73.278, 41.355

71, 49.740, 39.542

60, 84.910, 42.401

76, 38.762, 38.992

57, 94.804, 42.962

82, 28.521, 38.668

55, 99.882, 42.862

87, 19.044, 38.526

92, 10.307, 38.516

98, 2.256, 38.422

100, 0.276,
201.786

Harmonies

Complementary

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



67, 61.342, 40.337



83, 36.840, 224.136

Rectangle

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



67, 61.342, 40.337



67, 61.342, 90.337



67, 61.342, 220.337



67, 61.342, 270.337

Sweetspot

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



67, 61.340, 40.340



89, 15.540, 38.510



65, 82.742, 334.176



46, 10.825, 38.520



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 61.340, 40.340



62, 77.092, 41.686



84, 60.264, 83.876



50, 4.469, 38.526



42, 80.197, 43.258



12, 30.071, 36.822

Inverse Universe

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



83, 36.840, 224.136



81, 40.655, 227.053



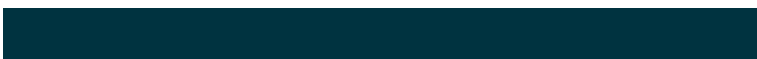
61, 61.758, 285.377



52, 4.208, 219.102



59, 35.297, 234.321



19, 16.139, 229.211

Previews

White Background



This preview shows how the CIELCh color 67, 61.342, 40.337 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 67, 61.342, 40.337 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 67, 61.342, 40.337

Background



This preview shows how black text looks on a background with the CIELCh color 67, 61.342, 40.337.

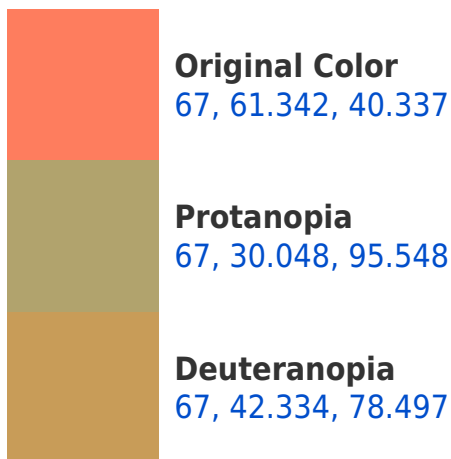


This preview shows how white text looks on a background with the CIELCh color 67, 61.342, 40.337.

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](#).

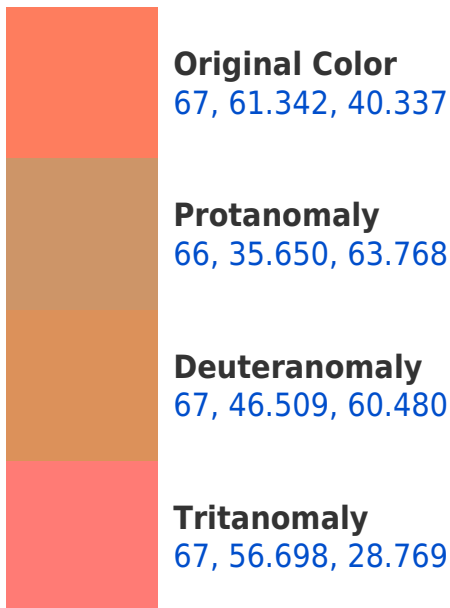
Dichromacy



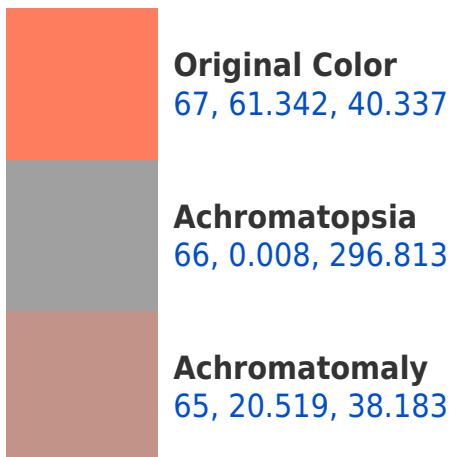


Tritanopia
67, 55.408, 20.971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 61.342, 40.337 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, 125, 94)` looks like.

```
.text, #text, p{  
    color:rgb(254, 125, 94)  
}
```

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, 125, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 125, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 61.342, 40.337 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, 125, 94) }
```

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

```
.border{ border-color:rgb(254, 125, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 125, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 125, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 125, 94);  
box-shadow:4px 4px 4px 4px rgb(254, 125,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 61.342, 40.337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 125, 94) }
```

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

```
.background{ background-color: rgb(254,  
125, 94) }
```

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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