

Converting Colors

CIELCh(67, 63.835, 38.500)

Have a look what the booklet for
CIELCh(67, 63.835, 38.500) contains.

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Color

CIELCh(67, 62.429, 38.921)

Conversions

Conversions Part 1

Format	Color
Hex	FF7B5F
RGB	255, 123, 95
RGB Percent	100%, 48%, 37%
CMY	0.0000, 0.5163, 0.6266
CMYK	0.00, 0.52, 0.63, 0.00
HSL	11°, 100%, 69%
HSV	11°, 63%, 100%
XYZ	51.0108, 36.6320, 15.2580
YIQ	159.2760, 87.6600, 19.2760

Conversions

Conversions Part 2

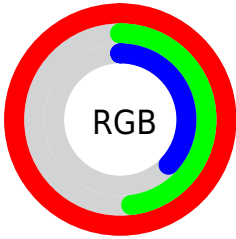
Format	Color
R _Y B	255, 129, 95
Decimal	16743263
CIE Lab	67.00, 48.57, 39.22
CIE LCh	67, 62.429, 38.921
Yxy	36.6320, 0.4957, 0.3560
Android (android.graphics.Color)	4294933343 (0xFFFF7B5F)
YUV	159.2760, -31.6881, 83.9499
Hunter-Lab	60.5244, 44.5249, 27.4202

Details

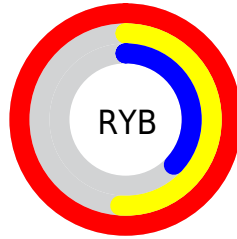
The CIELCh color **67, 62.429, 38.921** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **84, 37.021, 221.219**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 36.814, 48.599**, and **47, 62.098, 38.605** is the 20% darker color. If you saturate the color by 10%, you get **63, 73.823, 40.223**, and if you desaturate by 10%, it is **71, 50.076, 38.061**.

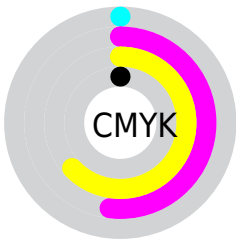
Distribution



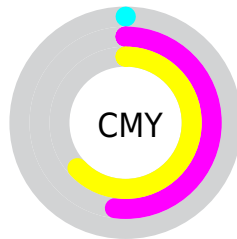
- Red (100%)
- Green (48%)
- Blue (37%)



- Red (100%)
- Yellow (51%)
- Blue (37%)



- Cyan (0%)
- Magenta (52%)
- Yellow (63%)
- Black (0%)



- Cyan (0%)
- Magenta (52%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 62.429, 38.921 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, 62.429, 38.921 by changing the saturation by 10% instead.

67, 62.429, 38.921

67, 62.429, 38.921

100, 62.429,
38.921

57, 62.429, 38.921

87, 62.429, 38.921

47, 62.429, 38.921

97, 62.429, 38.921

37, 62.429, 38.921

27, 62.429, 38.921

17, 62.429, 38.921

7, 62.429, 38.921

0, 62.429, 38.921

67, 62.429, 38.921

67, 62.429, 38.921

63, 73.823, 40.223

71, 50.076, 38.061

59, 85.548, 41.499

76, 38.982, 37.378

57, 95.538, 42.323

82, 28.625, 36.939

55, 100.799,
42.388

87, 19.037, 36.697

93, 10.197, 36.594

98, 2.056, 36.387

100, 0.012,
296.813

Harmonies

Complementary

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



67, 62.429, 38.921



84, 37.021, 221.219

Rectangle

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



67, 62.429, 38.921



67, 62.429, 88.921



67, 62.429, 218.921



67, 62.429, 268.921

Sweetspot

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



67, 61.785, 39.018



89, 15.714, 36.647



66, 83.588, 333.466



46, 10.947, 36.684



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, 61.785, 39.018



62, 76.626, 40.526



84, 59.591, 82.532



50, 4.518, 36.576



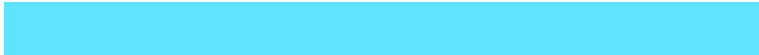
42, 80.762, 42.756



11, 30.332, 35.853

Inverse Universe

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



84, 37.021, 221.219



82, 40.534, 223.632



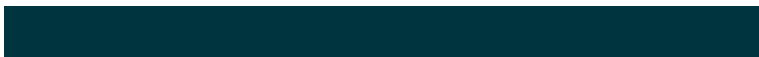
63, 60.112, 284.118



52, 4.252, 216.989



60, 35.109, 230.414



20, 16.139, 225.791

Previews

White Background



This preview shows how the CIELCh color 67, 62.429, 38.921 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, 62.429, 38.921 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, 62.429, 38.921

Background



This preview shows how black text looks on a background with the CIELCh color 67, 62.429, 38.921.

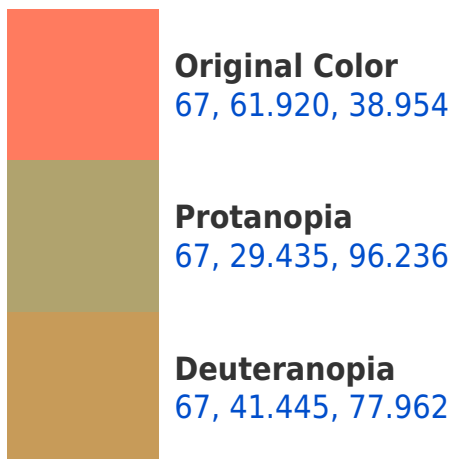


This preview shows how white text looks on a background with the CIELCh color 67, 62.429, 38.921.

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](#).

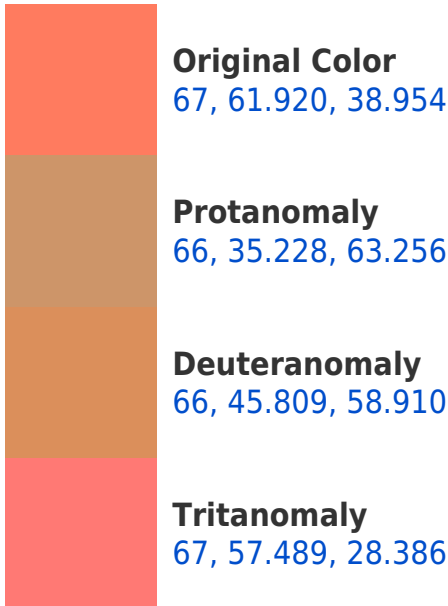
Dichromacy



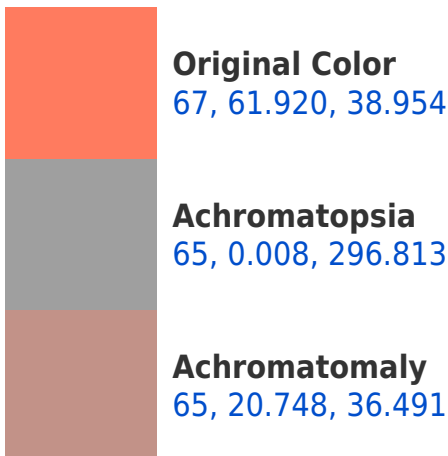


Tritanopia
67, 55.985, 21.647

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 62.429, 38.921 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, 123, 95)` looks like.

```
.text, #text, p{  
    color:rgb(255, 123, 95)  
}
```

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, 123, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 123, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 62.429, 38.921 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, 123, 95) }
```

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

```
.border{ border-color:rgb(255, 123, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 123, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 123, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 123, 95);  
box-shadow:4px 4px 4px 4px rgb(255, 123,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 62.429, 38.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 123, 95) }
```

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

```
.background{ background-color: rgb(255,  
123, 95) }
```

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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