

Converting Colors

CIELCh(76, 86.500, 37.461)

Have a look what the booklet for
CIELCh(76, 86.500, 37.461) contains.

| | |
|--|----|
| CIELCh(67, 61.977, 39.811) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 20 |
| <i>Color Blindness Simulation</i> | 23 |
| <i>CSS Examples</i> | 26 |

Color

CIELCh(67, 61.977, 39.811)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF7C5E |
| RGB | 255, 124, 94 |
| RGB Percent | 100%, 49%, 37% |
| CMY | 0.0000, 0.5125, 0.6303 |
| CMYK | 0.00, 0.51, 0.63, 0.00 |
| HSL | 11°, 100%, 68% |
| HSV | 11°, 63%, 100% |
| XYZ | 50.6493, 36.6320, 15.0561 |
| YIQ | 159.7490, 87.7060, 18.4420 |

Conversions

Conversions Part 2

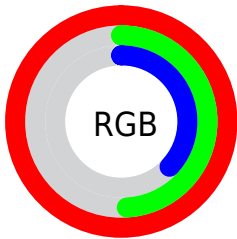
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 131, 94 |
| Decimal | 16743518 |
| CIE Lab | 67.00, 47.61, 39.68 |
| CIE LCh | 67, 61.977, 39.811 |
| Yxy | 36.6320, 0.4949, 0.3580 |
| Android (android.graphics.Color) | 4294933598 (0xFFFF7C5E) |
| YUV | 159.7490, -32.4143, 83.5351 |
| Hunter-Lab | 60.5244, 43.4586, 27.6180 |

Details

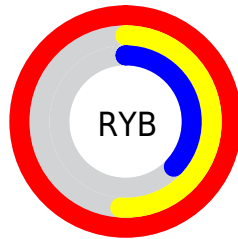
The CIELCh color **67, 61.977, 39.811** is a light color, and the websafe version is hex **FF6666**. The color can be described as light muted orange. A complement of this color would be **84, 37.020, 223.024**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 37.024, 50.162**, and **47, 61.943, 39.777** is the 20% darker color. If you saturate the color by 10%, you get **63, 73.827, 40.931**, and if you desaturate by 10%, it is **71, 50.157, 38.973**.

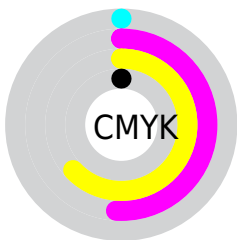
Distribution



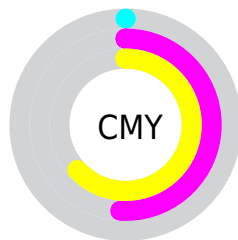
- Red (100%)
- Green (49%)
- Blue (37%)



- Red (100%)
- Yellow (51%)
- 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, 61.977, 39.811 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, 61.977, 39.811 by changing the saturation by 10% instead.

67, 61.977, 39.811

67, 61.977, 39.811

100, 61.977,
39.811

57, 61.977, 39.811

87, 61.977, 39.811

47, 61.977, 39.811

97, 61.977, 39.811

37, 61.977, 39.811

27, 61.977, 39.811

17, 61.977, 39.811

7, 61.977, 39.811

0, 61.977, 39.811

67, 61.977, 39.811

67, 61.977, 39.811

63, 73.827, 40.931

71, 50.157, 38.973

60, 85.499, 42.064

76, 39.104, 38.367

57, 95.393, 42.710

82, 28.788, 37.993

55, 100.394,
42.669

87, 19.239, 37.809

93, 10.436, 37.761

98, 2.326, 37.639

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, 61.977, 39.811



84, 37.020, 223.024

Rectangle

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



67, 61.977, 39.811



67, 61.977, 89.811



67, 61.977, 219.811



67, 61.977, 269.811

Sweetspot

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



67, 61.828, 39.839



89, 15.606, 37.777



66, 83.016, 334.182



46, 10.871, 37.797



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, 61.828, 39.839



62, 77.375, 41.279



85, 60.481, 83.864



50, 4.488, 37.759



42, 80.422, 43.056



12, 30.173, 36.436

Inverse Universe

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



84, 37.020, 223.024



81, 40.680, 225.801



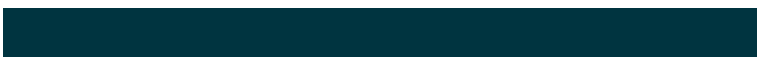
62, 61.990, 285.402



52, 4.225, 218.271



59, 35.205, 232.794



19, 16.133, 227.871

Previews

White Background



This preview shows how the CIELCh color 67, 61.977, 39.811 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, 61.977, 39.811 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, 61.977, 39.811

Background



This preview shows how black text looks on a background with the CIELCh color 67, 61.977, 39.811.



This preview shows how white text looks on a background with the CIELCh color 67, 61.977, 39.811.

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

67, 61.977, 39.811

Protanopia

67, 30.048, 95.548

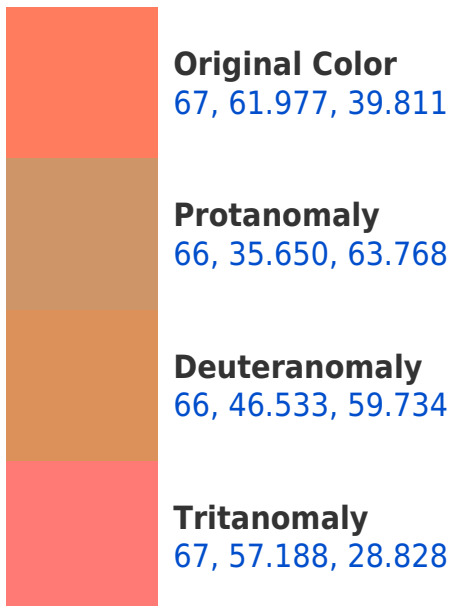
Deuteranopia

67, 42.334, 78.497

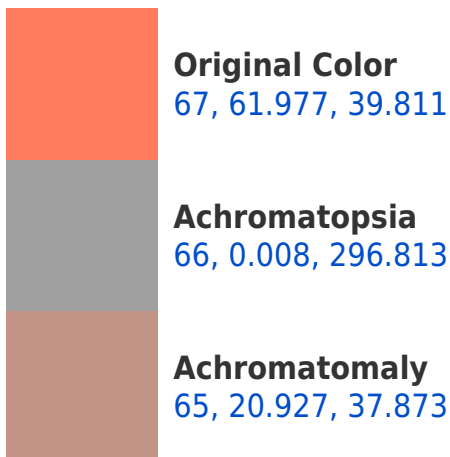


Tritanopia
67, 55.521, 21.520

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 61.977, 39.811 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, 124, 94)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 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(255, 124, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 94) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 61.977, 39.811 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, 124, 94) }
```

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

```
.border{ border-color:rgb(255, 124, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 124, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 94);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
94) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 61.977, 39.811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 94) }
```

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

```
.background{ background-color: rgb(255,  
124, 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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