

Converting Colors

CIELCh(67, 62.287, 41.375)

Have a look what the booklet for
CIELCh(67, 62.287, 41.375) contains.

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Color

CIELCh(67, 62.634, 41.454)

Conversions

Conversions Part 1

Format	Color
Hex	FF7D5B
RGB	255, 125, 91
RGB Percent	100%, 49%, 36%
CMY	0.0005, 0.5102, 0.6435
CMYK	0.00, 0.51, 0.64, 0.00
HSL	12°, 100%, 68%
HSV	12°, 64%, 100%
XYZ	50.4005, 36.6320, 14.2904
YIQ	159.9940, 88.3940, 16.9860

Conversions

Conversions Part 2

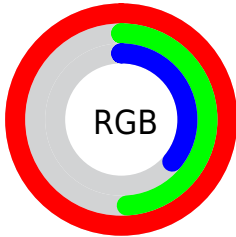
Format	Color
R _Y B	255, 134, 91
Decimal	16743771
CIE Lab	67.00, 46.94, 41.46
CIE LCh	67, 62.634, 41.454
Yxy	36.6320, 0.4974, 0.3615
Android (android.graphics.Color)	4294933851 (0xFFFF7D5B)
YUV	159.9940, -34.0140, 83.3203
Hunter-Lab	60.5244, 42.7247, 28.3680

Details

The CIELCh color **67, 62.634, 41.454** 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 **82, 37.305, 226.627**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 37.940, 52.891**, and **47, 62.534, 41.766** is the 20% darker color. If you saturate the color by 10%, you get **63, 74.545, 42.342**, and if you desaturate by 10%, it is **71, 51.011, 40.752**.

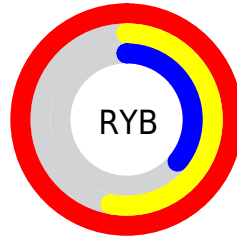
Distribution



Red (100%)

Green (49%)

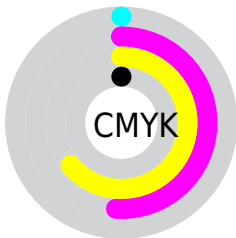
Blue (36%)



Red (100%)

Yellow (53%)

Blue (36%)

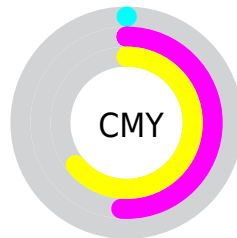


Cyan (0%)

Magenta (51%)

Yellow (64%)

Black (0%)



Cyan (0%)

Magenta (51%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 62.634, 41.454 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, 62.634, 41.454 by changing the saturation by 10% instead.

67, 62.634, 41.454

67, 62.634, 41.454

100, 62.634,
41.454

57, 62.634, 41.454

87, 62.634, 41.454

47, 62.634, 41.454

97, 62.634, 41.454

37, 62.634, 41.454

27, 62.634, 41.454

17, 62.634, 41.454

7, 62.634, 41.454

0, 62.634, 41.454

67, 62.634, 41.454

67, 62.634, 41.454

63, 74.545, 42.342

71, 51.011, 40.752

60, 86.031, 43.192

76, 39.995, 40.278

57, 95.527, 43.440

81, 29.710, 40.018

56, 99.543, 43.251

87, 20.187, 39.937

92, 11.403, 39.986

98, 3.307, 40.032

100, 0.042,
215.231

Harmonies

Complementary

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



67, 62.634, 41.454



82, 37.305, 226.627

Rectangle

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



67, 62.634, 41.454



67, 62.634, 91.454



67, 62.634, 221.454



67, 62.634, 271.454

Sweetspot

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



67, 62.632, 41.457



89, 15.419, 39.950



65, 83.295, 334.994



46, 10.740, 39.939



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, 62.632, 41.457



62, 77.725, 42.588



85, 62.232, 85.026



50, 4.435, 40.033



42, 79.745, 43.672



12, 29.872, 37.596

Inverse Universe

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



82, 37.305, 226.627



80, 40.888, 229.777



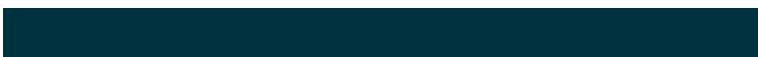
60, 64.918, 286.926



52, 4.179, 220.733



58, 35.539, 237.273



19, 16.175, 231.818

Previews

White Background



This preview shows how the CIELCh color 67, 62.634, 41.454 looks on a white background.

Color Contrast Check

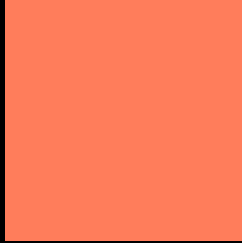
Large Text (above 18pt) WCAG AA × Fail

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, 62.634, 41.454 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, 62.634, 41.454

Background



This preview shows how black text looks on a background with the CIELCh color 67, 62.634, 41.454.

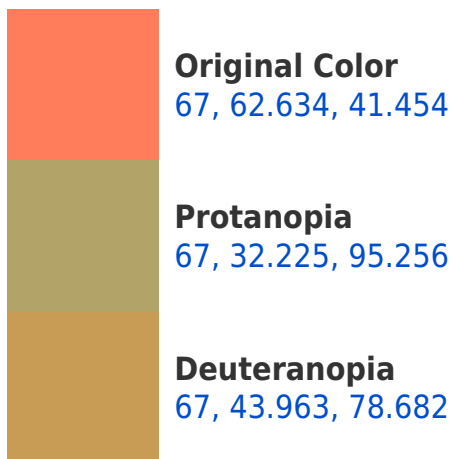


This preview shows how white text looks on a background with the CIELCh color 67, 62.634, 41.454.

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, 55.521, 21.520

Trichromacy



Original Color
67, 62.634, 41.454

Protanomaly
66, 37.680, 65.212

Deuteranomaly
67, 48.070, 61.265

Tritanomaly
67, 57.380, 29.333

Monochromacy



Original Color
67, 62.634, 41.454

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 21.151, 39.228

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 62.634, 41.454 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, 125, 91)` looks like.

```
.text, #text, p{  
    color:rgb(255, 125, 91)  
}
```

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, 125, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 125, 91) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 62.634, 41.454 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, 125, 91) }
```

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

```
.border{ border-color:rgb(255, 125, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 125, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 125, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 125, 91);  
box-shadow:4px 4px 4px 4px rgb(255, 125,  
91) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 62.634, 41.454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 125, 91) }
```

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

```
.background{ background-color: rgb(255,  
125, 91) }
```

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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