

Converting Colors

CIELCh(79, 93.927, 36.585)

Have a look what the booklet for
CIELCh(79, 93.927, 36.585) contains.

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Color

CIELCh(67, 61.642, 38.540)

Conversions

Conversions Part 1

Format	Color
Hex	FF7C61
RGB	255, 124, 97
RGB Percent	100%, 49%, 38%
CMY	0.0000, 0.5147, 0.6209
CMYK	0.00, 0.51, 0.62, 0.00
HSL	10°, 100%, 69%
HSV	10°, 62%, 100%
XYZ	50.8769, 36.6320, 15.6196
YIQ	160.0910, 86.7430, 19.3750

Conversions

Conversions Part 2

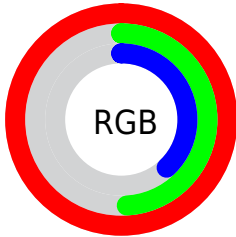
Format	Color
RYB	255, 130, 97
Decimal	16743521
CIELab	67.00, 48.21, 38.41
CIELCh	67, 61.642, 38.540
Yxy	36.6320, 0.4933, 0.3552
Android (android.graphics.Color)	4294933601 (0xFFFF7C61)
YUV	160.0910, -31.1039, 83.2352
Hunter-Lab	60.5244, 44.1300, 27.0660

Details

The CIELCh color **67, 61.642, 38.540** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **85, 36.891, 220.328**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 36.075, 48.230**, and **47, 61.033, 38.548** is the 20% darker color. If you saturate the color by 10%, you get **63, 73.330, 39.842**, and if you desaturate by 10%, it is **71, 49.575, 37.607**.

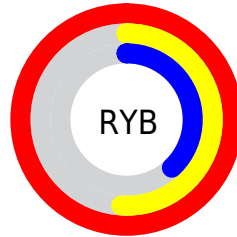
Distribution



Red (100%)

Green (49%)

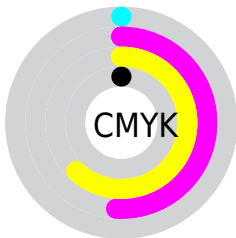
Blue (38%)



Red (100%)

Yellow (51%)

Blue (38%)

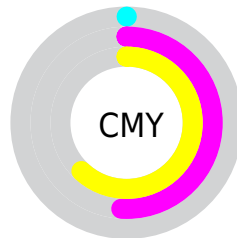


Cyan (0%)

Magenta (51%)

Yellow (62%)

Black (0%)



Cyan (0%)

Magenta (51%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 61.642, 38.540 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, 61.642, 38.540 by changing the saturation by 10% instead.

67, 61.642, 38.540

67, 61.642, 38.540

100, 61.642,
38.540

57, 61.642, 38.540

87, 61.642, 38.540

47, 61.642, 38.540

97, 61.642, 38.540

37, 61.642, 38.540

27, 61.642, 38.540

17, 61.642, 38.540

7, 61.642, 38.540

0, 61.642, 38.540

67, 61.642, 38.540

67, 61.642, 38.540

63, 73.330, 39.842

71, 49.575, 37.607

■ 59, 85.111, 41.187

■ 76, 38.490, 36.900

■ 57, 95.254, 42.129

■ 82, 28.145, 36.440

■ 55, 100.980,
42.264

■ 87, 18.569, 36.178

■ 93, 9.742, 36.055

■ 99, 1.613, 35.744

■ 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, 61.642, 38.540



85, 36.891, 220.328

Rectangle

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



67, 61.642, 38.540



67, 61.642, 88.540



67, 61.642, 218.540



67, 61.642, 268.540

Sweetspot

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



67, 61.281, 38.594



89, 15.766, 36.128



66, 83.016, 333.426



46, 10.983, 36.174



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, 61.281, 38.594



62, 76.831, 40.238



84, 59.059, 82.621



50, 4.533, 36.033



42, 80.914, 42.623



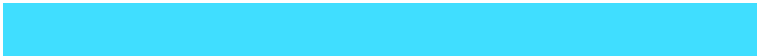
11, 30.405, 35.590

Inverse Universe

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



85, 36.891, 220.328



82, 40.584, 222.746



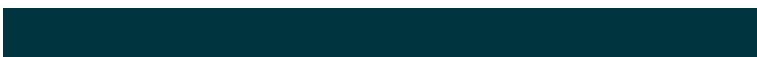
63, 59.522, 283.937



52, 4.265, 216.401



60, 35.084, 229.312



20, 16.149, 224.832

Previews

White Background



This preview shows how the CIELCh color 67, 61.642, 38.540 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, 61.642, 38.540 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, 61.642, 38.540

Background



This preview shows how black text looks on a background with the CIELCh color 67, 61.642, 38.540.



This preview shows how white text looks on a background with the CIELCh color 67, 61.642, 38.540.

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, 61.134, 38.572

Protanopia

67, 28.385, 95.979

Deuteranopia

67, 40.693, 78.277



Tritanopia
67, 55.521, 21.520

Trichromacy



Original Color
67, 61.134, 38.572

Protanomaly
66, 34.809, 62.728

Deuteranomaly
66, 44.981, 58.846

Tritanomaly
67, 57.001, 28.320

Monochromacy



Original Color
67, 61.134, 38.572

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 20.715, 36.487

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 61.642, 38.540 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, 97)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 97)  
}
```

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, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 61.642, 38.540 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, 97) }
```

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

```
.border{ border-color:rgb(255, 124, 97) }
```

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, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 97);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 61.642, 38.540 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, 97) }
```

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

```
.background{ background-color: rgb(255,  
124, 97) }
```

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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