

Converting Colors

CIELCh(62, 75.419, 38.626)

Have a look what the booklet for
CIELCh(62, 75.419, 38.626) contains.

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Color

CIELCh(62, 75.194, 38.767)

Conversions

Conversions Part 1

Format	Color
Hex	FF6145
RGB	255, 97, 69
RGB Percent	100%, 38%, 27%
CMY	0.0000, 0.6180, 0.7281
CMYK	0.00, 0.62, 0.73, 0.00
HSL	9°, 100%, 64%
HSV	9°, 73%, 100%
XYZ	46.8034, 30.4025, 9.0866
YIQ	141.0500, 103.1560, 24.7880

Conversions

Conversions Part 2

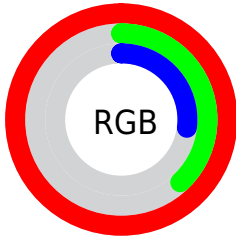
Format	Color
R _Y B	255, 102, 69
Decimal	16736581
CIE Lab	62.00, 58.63, 47.08
CIE LCh	62, 75.194, 38.767
Yxy	30.4025, 0.5424, 0.3523
Android (android.graphics.Color)	4294926661 (0xFFFF6145)
YUV	141.0500, -35.5207, 99.9341
Hunter-Lab	55.1385, 55.0243, 28.8262

Details

The CIELCh color **62, 75.194, 38.767** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **84, 40.371, 218.896**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **73, 48.779, 44.394**, and **42, 75.281, 38.844** is the 20% darker color. If you saturate the color by 10%, you get **59, 86.744, 40.376**, and if you desaturate by 10%, it is **66, 62.891, 37.298**.

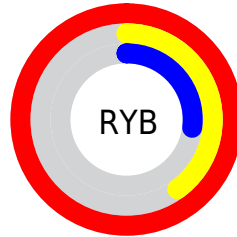
Distribution



Red (100%)

Green (38%)

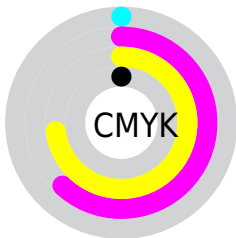
Blue (27%)



Red (100%)

Yellow (40%)

Blue (27%)

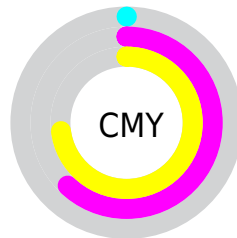


Cyan (0%)

Magenta (62%)

Yellow (73%)

Black (0%)



Cyan (0%)

Magenta (62%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 75.194, 38.767 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 62, 75.194, 38.767 by changing the saturation by 10% instead.

62, 75.194, 38.767

62, 75.194, 38.767

100, 75.194,
38.767

52, 75.194, 38.767

82, 75.194, 38.767

42, 75.194, 38.767

92, 75.194, 38.767

32, 75.194, 38.767

22, 75.194, 38.767

12, 75.194, 38.767

2, 75.194, 38.767

0, 75.194, 38.767

62, 75.194, 38.767

62, 75.194, 38.767

59, 86.744, 40.376

66, 62.891, 37.298

56, 96.637, 41.525

71, 51.051, 36.105

55, 101.652,
41.813

76, 39.795, 35.223

81, 29.263, 34.614

87, 19.502, 34.223

92, 10.498, 33.989

98, 2.207, 33.680

100, 0.012,
296.813

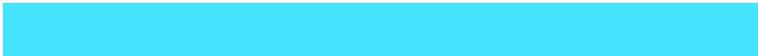
Harmonies

Complementary

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



62, 75.194, 38.767



84, 40.371, 218.896

Rectangle

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



62, 75.194, 38.767



62, 75.194, 88.767



62, 75.194, 218.767



62, 75.194, 268.767

Sweetspot

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



62, 75.008, 38.782



87, 18.746, 34.199



63, 93.356, 333.463



45, 12.741, 34.283



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 75.008, 38.782



57, 91.241, 40.962



81, 68.027, 79.464



50, 4.596, 33.929



41, 81.484, 42.137



11, 30.691, 34.597

Inverse Universe

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



84, 40.371, 218.896



82, 42.780, 221.917



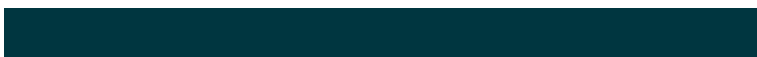
58, 68.841, 286.329



52, 4.321, 214.120



61, 35.098, 224.991



20, 16.225, 221.088

Previews

White Background



This preview shows how the CIELCh color 62, 75.194, 38.767 looks on a white background.

Color Contrast Check

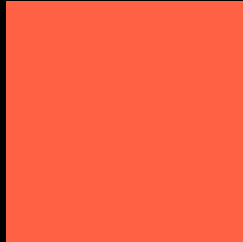
Large Text (above 18pt) WCAG AA × Fail

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 62, 75.194, 38.767 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 62, 75.194, 38.767

Background



This preview shows how black text looks on a background with the CIELCh color 62, 75.194, 38.767.

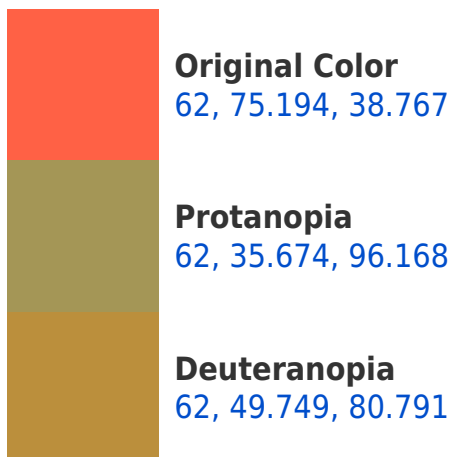


This preview shows how white text looks on a background with the CIELCh color 62, 75.194, 38.767.

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
62, 68.147, 26.312

Trichromacy



Original Color
62, 75.194, 38.767

Protanomaly
61, 42.701, 61.738

Deuteranomaly
61, 55.093, 59.328

Tritanomaly
62, 70.181, 31.219

Monochromacy



Original Color
62, 75.194, 38.767

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 25.343, 34.613

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 75.194, 38.767 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, 97, 69)` looks like.

```
.text, #text, p{  
    color:rgb(255, 97, 69)  
}
```

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, 97, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 75.194, 38.767 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, 97, 69) }
```

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

```
.border{ border-color:rgb(255, 97, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 97, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 69);  
box-shadow:4px 4px 4px 4px rgb(255, 97,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 75.194, 38.767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 97, 69) }
```

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

```
.background{ background-color: rgb(255, 97,  
69) }
```

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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