

Converting Colors

CIELCh(63, 74.756, 41.401)

Have a look what the booklet for
CIELCh(63, 74.756, 41.401) contains.

CIELCh(63, 74.478, 41.295)	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(63, 74.478, 41.295)

Conversions

Conversions Part 1

Format	Color
Hex	FF6843
RGB	255, 104, 67
RGB Percent	100%, 41%, 26%
CMY	0.0000, 0.5940, 0.7355
CMYK	0.00, 0.59, 0.74, 0.00
HSL	12°, 100%, 63%
HSV	12°, 74%, 100%
XYZ	47.3885, 31.5869, 8.9798
YIQ	144.9310, 101.8730, 20.5050

Conversions

Conversions Part 2

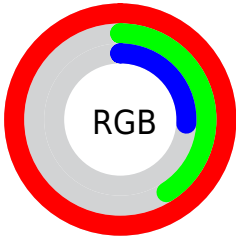
Format	Color
R _Y B	255, 113, 67
Decimal	16738371
CIE Lab	63.00, 55.96, 49.15
CIE LCh	63, 74.478, 41.295
Yxy	31.5869, 0.5388, 0.3591
Android (android.graphics.Color)	4294928451 (0xFFFF6843)
YUV	144.9310, -38.4200, 96.5305
Hunter-Lab	56.2022, 52.1534, 29.8684

Details

The CIELCh color **63, 74.478, 41.295** 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 **81, 40.081, 226.170**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **75, 48.385, 50.050**, and **43, 74.255, 41.574** is the 20% darker color. If you saturate the color by 10%, you get **60, 85.846, 42.383**, and if you desaturate by 10%, it is **67, 62.254, 40.287**.

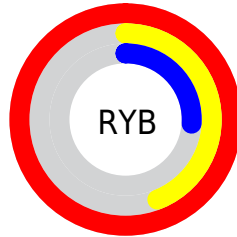
Distribution



Red (100%)

Green (41%)

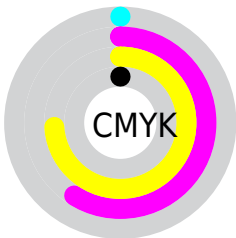
Blue (26%)



Red (100%)

Yellow (44%)

Blue (26%)

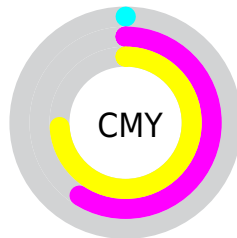


Cyan (0%)

Magenta (59%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (59%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 74.478, 41.295 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 63, 74.478, 41.295 by changing the saturation by 10% instead.

63, 74.478, 41.295

63, 74.478, 41.295

100, 74.478,
41.295

53, 74.478, 41.295

83, 74.478, 41.295

43, 74.478, 41.295

93, 74.478, 41.295

33, 74.478, 41.295

23, 74.478, 41.295

13, 74.478, 41.295

3, 74.478, 41.295

0, 74.478, 41.295

63, 74.478, 41.295

63, 74.478, 41.295

60, 85.846, 42.383

67, 62.254, 40.287

57, 95.588, 42.907

71, 50.585, 39.460

56, 100.183,
42.817

76, 39.529, 38.884

81, 29.208, 38.536

87, 19.652, 38.377

92, 10.841, 38.352

98, 2.724, 38.291

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.



63, 74.478, 41.295



81, 40.081, 226.170

Rectangle

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



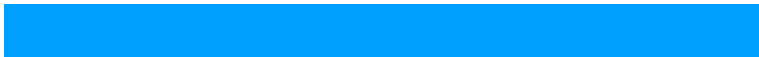
63, 74.478, 41.295



63, 74.478, 91.295



63, 74.478, 221.295



63, 74.478, 271.295

Sweetspot

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



63, 74.234, 41.328



88, 18.239, 38.365



62, 91.793, 334.983



45, 12.396, 38.387



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 74.234, 41.328



58, 90.543, 42.732



82, 69.568, 82.189



50, 4.473, 38.361



42, 80.246, 43.214



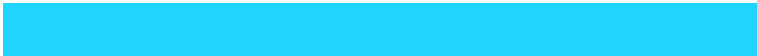
12, 30.093, 36.738

Inverse Universe

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



81, 40.081, 226.170



79, 42.739, 230.326



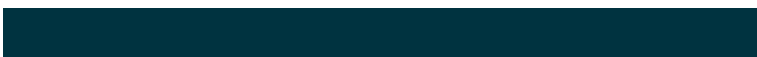
56, 73.297, 288.873



52, 4.212, 218.924



59, 35.275, 233.994



19, 16.137, 228.924

Previews

White Background



This preview shows how the CIELCh color 63, 74.478, 41.295 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 63, 74.478, 41.295 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 63, 74.478, 41.295

Background



This preview shows how black text looks on a background with the CIELCh color 63, 74.478, 41.295.

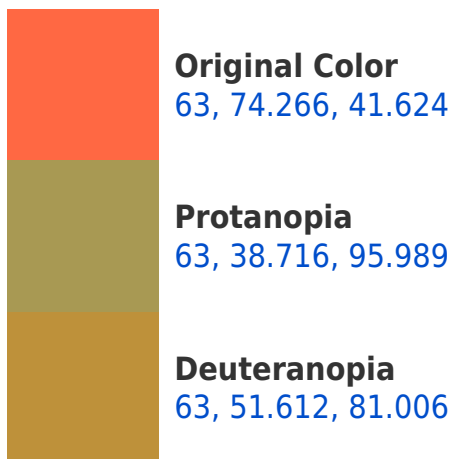


This preview shows how white text looks on a background with the CIELCh color 63, 74.478, 41.295.

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](#).

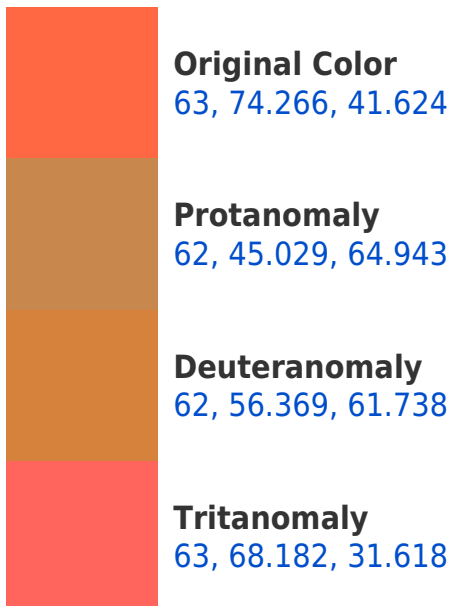
Dichromacy





Tritanopia
63, 65.624, 25.210

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 74.478, 41.295 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, 104, 67)` looks like.

```
.text, #text, p{  
    color:rgb(255, 104, 67)  
}
```

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, 104, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 104, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 74.478, 41.295 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, 104, 67) }
```

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

```
.border{ border-color:rgb(255, 104, 67) }
```

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

Here you see how a box with a 4 pixel rgb(255, 104, 67) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 104, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 104, 67);  
box-shadow:4px 4px 4px 4px rgb(255, 104,  
67) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 74.478, 41.295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 104, 67) }
```

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

```
.background{ background-color: rgb(255,  
104, 67) }
```

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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