

Converting Colors

CIELCh(66, 64.036, 42.936)

Have a look what the booklet for
CIELCh(66, 64.036, 42.936) contains.

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Color

CIELCh(66, 64.140, 43.020)

Conversions

Conversions Part 1

Format	Color
Hex	FC7A54
RGB	252, 122, 84
RGB Percent	99%, 48%, 33%
CMY	0.0111, 0.5210, 0.6701
CMYK	0.00, 0.52, 0.67, 0.01
HSL	14°, 97%, 66%
HSV	14°, 67%, 99%
XYZ	48.7890, 35.3238, 12.6614
YIQ	156.5380, 89.6780, 15.7420

Conversions

Conversions Part 2

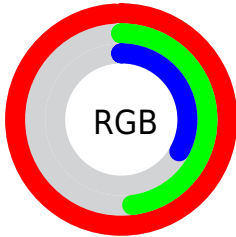
Format	Color
R _Y B	252, 133, 84
Decimal	16546388
CIE Lab	66.00, 46.89, 43.76
CIE LCh	66, 64.140, 43.020
Yxy	35.3238, 0.5042, 0.3650
Android (android.graphics.Color)	4294736468 (0xFFFC7A54)
YUV	156.5380, -35.7612, 83.7202
Hunter-Lab	59.4338, 42.5207, 28.9730

Details

The CIELCh color **66, 64.140, 43.020** 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 **80, 37.741, 230.313**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 40.585, 54.136**, and **46, 63.799, 42.949** is the 20% darker color. If you saturate the color by 10%, you get **62, 75.847, 43.714**, and if you desaturate by 10%, it is **70, 52.618, 42.453**.

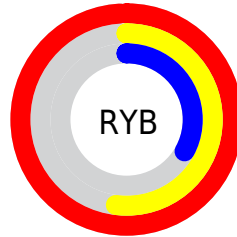
Distribution



Red (99%)

Green (48%)

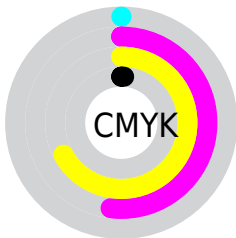
Blue (33%)



Red (99%)

Yellow (52%)

Blue (33%)

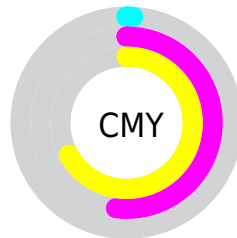


Cyan (0%)

Magenta (52%)

Yellow (67%)

Black (1%)



Cyan (1%)

Magenta (52%)

Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 64.140, 43.020 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 66, 64.140, 43.020 by changing the saturation by 10% instead.

 66, 64.140, 43.020

 66, 64.140, 43.020

 100, 64.140,
43.020

 56, 64.140, 43.020

 86, 64.140, 43.020

 46, 64.140, 43.020

 96, 64.140, 43.020

 36, 64.140, 43.020

 26, 64.140, 43.020

 16, 64.140, 43.020

 6, 64.140, 43.020

 0, 64.140, 43.020

 66, 64.140, 43.020

 66, 64.140, 43.020

 62, 75.847, 43.714

 70, 52.618, 42.453

■ 59, 86.897, 44.252

■ 75, 41.657, 42.083

■ 56, 95.550, 44.008

■ 80, 31.403, 41.912

■ 56, 97.921, 43.863

■ 85, 21.895, 41.912

■ 90, 13.117, 42.042

■ 95, 5.022, 42.222

■ 100, 0.984,
200.016

Harmonies

Complementary

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



66, 64.140, 43.020



80, 37.741, 230.313

Rectangle

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



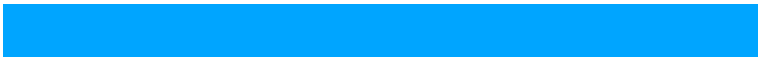
66, 64.140, 43.020



66, 64.140, 93.020



66, 64.140, 223.020



66, 64.140, 273.020

Sweetspot

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



66, 64.138, 43.023



89, 16.137, 41.987



63, 83.709, 335.924



46, 11.139, 41.949



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 64.138, 43.023



62, 80.433, 43.938



84, 64.343, 86.021



49, 4.320, 42.179



42, 78.268, 44.327



11, 28.350, 38.135

Inverse Universe

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



80, 37.741, 230.313



78, 41.712, 234.204



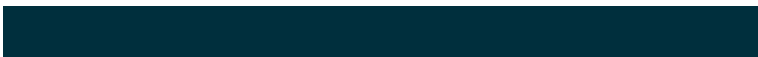
57, 68.514, 288.698



51, 4.077, 223.051



56, 35.661, 241.315



17, 15.837, 235.140

Previews

White Background



This preview shows how the CIELCh color 66, 64.140, 43.020 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 66, 64.140, 43.020 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 66, 64.140, 43.020

Background



This preview shows how black text looks on a background with the CIELCh color 66, 64.140, 43.020.



This preview shows how white text looks on a background with the CIELCh color 66, 64.140, 43.020.

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](#).

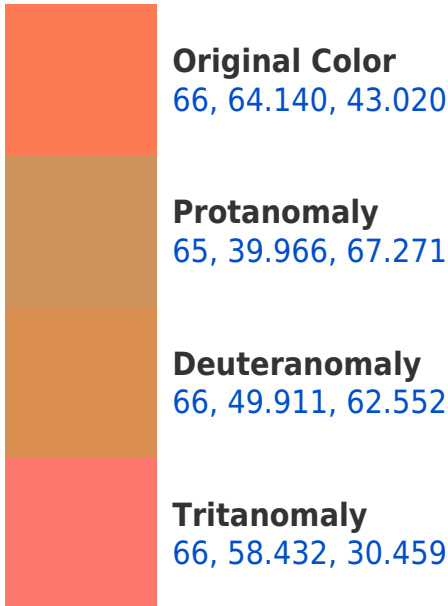
Dichromacy





Tritanopia
66, 56.979, 21.952

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 64.140, 43.020 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(252, 122, 84)` looks like.

```
.text, #text, p{  
    color:rgb(252, 122, 84)  
}
```

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(252, 122, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 122, 84) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 64.140, 43.020 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(252, 122, 84) }
```

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

```
.border{ border-color:rgb(252, 122, 84) }
```

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

Here you see how a box with a 4 pixel rgb(252, 122, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 122, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 122, 84);  
box-shadow:4px 4px 4px 4px rgb(252, 122,  
84) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 64.140, 43.020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 122, 84) }
```

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

```
.background{ background-color: rgb(252,  
122, 84) }
```

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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