

Converting Colors

CIELCh(62, 74.364, 38.146)

Have a look what the booklet for
CIELCh(62, 74.364, 38.146) contains.

CIELCh(62, 74.118, 38.092)	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(62, 74.118, 38.092)

Conversions

Conversions Part 1

Format	Color
Hex	FF6248
RGB	255, 98, 72
RGB Percent	100%, 38%, 28%
CMY	0.0007, 0.6162, 0.7181
CMYK	0.00, 0.62, 0.72, 0.00
HSL	9°, 100%, 64%
HSV	9°, 72%, 100%
XYZ	46.6981, 30.4025, 9.5167
YIQ	141.9790, 101.9180, 25.1980

Conversions

Conversions Part 2

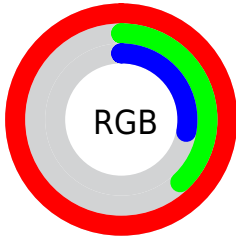
Format	Color
RYB	255, 102, 72
Decimal	16736840
CIELab	62.00, 58.33, 45.73
CIELCh	62, 74.118, 38.092
Yxy	30.4025, 0.5391, 0.3510
Android (android.graphics.Color)	4294926920 (0xFFFF6248)
YUV	141.9790, -34.4996, 99.1194
Hunter-Lab	55.1385, 54.6835, 28.3638

Details

The CIELCh color **62, 74.118, 38.092** 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, 40.285, 217.200**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **73, 47.707, 43.529**, and **42, 74.318, 38.183** is the 20% darker color. If you saturate the color by 10%, you get **59, 85.932, 39.812**, and if you desaturate by 10%, it is **66, 61.987, 36.536**.

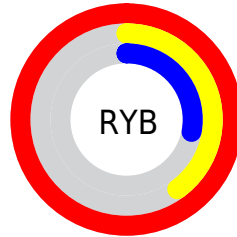
Distribution



Red (100%)

Green (38%)

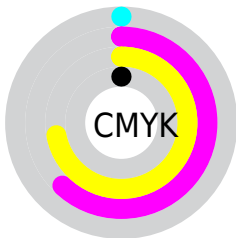
Blue (28%)



Red (100%)

Yellow (40%)

Blue (28%)

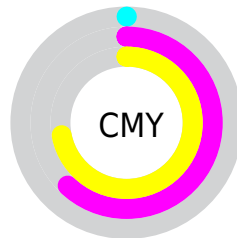


Cyan (0%)

Magenta (62%)

Yellow (72%)

Black (0%)



Cyan (0%)

Magenta (62%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 74.118, 38.092 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, 74.118, 38.092 by changing the saturation by 10% instead.

62, 74.118, 38.092

62, 74.118, 38.092

100, 74.118,
38.092

52, 74.118, 38.092

82, 74.118, 38.092

42, 74.118, 38.092

92, 74.118, 38.092

32, 74.118, 38.092

22, 74.118, 38.092

12, 74.118, 38.092

2, 74.118, 38.092

0, 74.118, 38.092

62, 74.118, 38.092

62, 74.118, 38.092

59, 85.932, 39.812

66, 61.987, 36.536

56, 96.081, 41.172

71, 50.158, 35.291

55, 101.886,
41.626

76, 38.921, 34.369

81, 28.409, 33.725

87, 18.669, 33.301

93, 9.685, 33.031

99, 1.413, 32.527

100, 0.058,
210.847

Harmonies

Complementary

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



62, 74.118, 38.092



84, 40.285, 217.200

Rectangle

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



62, 74.118, 38.092



62, 74.118, 88.092



62, 74.118, 218.092



62, 74.118, 268.092

Sweetspot

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



62, 74.115, 38.095



87, 18.871, 33.307



63, 93.604, 332.702



45, 12.826, 33.405



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, 74.115, 38.095



57, 90.572, 40.476



80, 66.730, 78.184



50, 4.626, 32.980



41, 81.729, 41.933



11, 30.826, 34.147

Inverse Universe

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



84, 40.285, 217.200



82, 42.817, 219.934



59, 66.021, 284.738



52, 4.349, 213.090



62, 35.166, 223.021



20, 16.282, 219.389

Previews

White Background



This preview shows how the CIELCh color 62, 74.118, 38.092 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, 74.118, 38.092 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, 74.118, 38.092

Background



This preview shows how black text looks on a background with the CIELCh color 62, 74.118, 38.092.

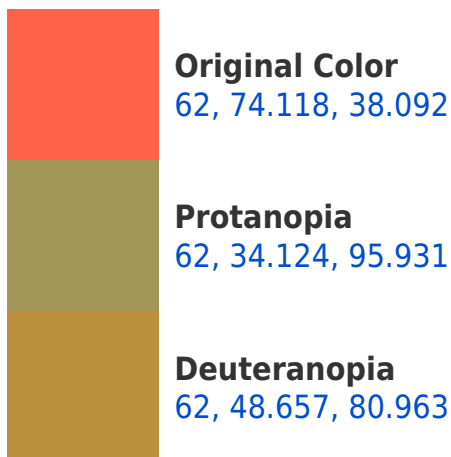


This preview shows how white text looks on a background with the CIELCh color 62, 74.118, 38.092.

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, 67.964, 25.875

Trichromacy



Original Color
62, 74.118, 38.092

Protanomaly
61, 41.459, 60.443

Deuteranomaly
61, 53.509, 59.301

Tritanomaly
62, 69.951, 30.818

Monochromacy



Original Color
62, 74.118, 38.092

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 25.098, 33.421

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 74.118, 38.092 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, 98, 72)` looks like.

```
.text, #text, p{  
    color:rgb(255, 98, 72)  
}
```

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, 98, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 98, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 74.118, 38.092 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, 98, 72) }
```

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

```
.border{ border-color:rgb(255, 98, 72) }
```

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

Here you see how a box with a 4 pixel rgb(255, 98, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 98, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 98, 72);  
box-shadow:4px 4px 4px 4px rgb(255, 98,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 74.118, 38.092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 98, 72) }
```

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

```
.background{ background-color: rgb(255, 98,  
72) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor