

Converting Colors

CIELCh(72, 102.189, 40.001)

Have a look what the booklet for
CIELCh(72, 102.189, 40.001)
contains.

CIELCh(62, 78.318, 41.488)	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, 78.318, 41.488)

Conversions

Conversions Part 1

Format	Color
Hex	FF613C
RGB	255, 97, 60
RGB Percent	100%, 38%, 24%
CMY	0.0000, 0.6191, 0.7649
CMYK	0.00, 0.62, 0.76, 0.00
HSL	11°, 100%, 62%
HSV	11°, 76%, 100%
XYZ	46.8172, 30.4025, 7.6703
YIQ	140.0240, 106.0450, 21.9890

Conversions

Conversions Part 2

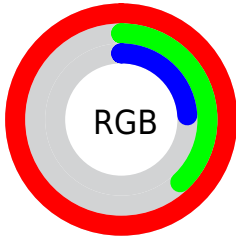
Format	Color
RYB	255, 106, 60
Decimal	16736572
CIELab	62.00, 58.67, 51.88
CIElCh	62, 78.318, 41.488
Yxy	30.4025, 0.5515, 0.3581
Android (android.graphics.Color)	4294926652 (0xFFFF613C)
YUV	140.0240, -39.4518, 100.8340
Hunter-Lab	55.1385, 55.0691, 30.3492

Details

The CIELCh color **62, 78.318, 41.488** 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, 40.772, 226.586**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 51.637, 48.601**, and **42, 77.665, 41.506** is the 20% darker color. If you saturate the color by 10%, you get **59, 89.073, 42.548**, and if you desaturate by 10%, it is **66, 65.825, 40.450**.

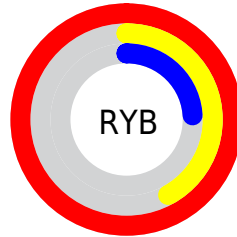
Distribution



Red (100%)

Green (38%)

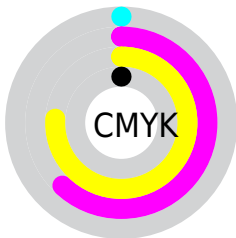
Blue (24%)



Red (100%)

Yellow (42%)

Blue (24%)

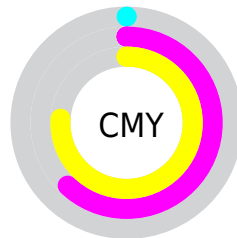


Cyan (0%)

Magenta (62%)

Yellow (76%)

Black (0%)



Cyan (0%)

Magenta (62%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 78.318, 41.488 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, 78.318, 41.488 by changing the saturation by 10% instead.

62, 78.318, 41.488

62, 78.318, 41.488

100, 78.318,
41.488

52, 78.318, 41.488

82, 78.318, 41.488

42, 78.318, 41.488

92, 78.318, 41.488

32, 78.318, 41.488

22, 78.318, 41.488

12, 78.318, 41.488

2, 78.318, 41.488

0, 78.318, 41.488

62, 78.318, 41.488

62, 78.318, 41.488

59, 89.073, 42.548

66, 65.825, 40.450

56, 97.825, 42.775

70, 54.014, 39.534

56, 100.252,
42.768

75, 42.748, 38.870

80, 32.194, 38.446

85, 22.403, 38.225

91, 13.368, 38.158

96, 5.044, 38.156

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, 78.318, 41.488



81, 40.772, 226.586

Rectangle

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



62, 78.318, 41.488



62, 78.318, 91.488



62, 78.318, 221.488



62, 78.318, 271.488

Sweetspot

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



62, 77.800, 41.547



87, 19.170, 38.187



61, 93.697, 335.217



44, 13.473, 38.227



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, 77.800, 41.547



57, 94.369, 42.829



82, 71.837, 81.688



50, 4.478, 38.163



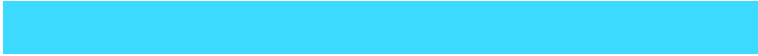
42, 80.304, 43.161



12, 30.119, 36.639

Inverse Universe

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



81, 40.772, 226.586



78, 43.170, 231.339



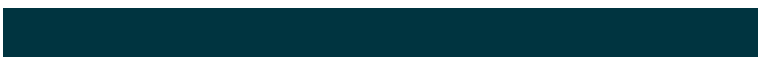
54, 76.511, 289.897



52, 4.216, 218.709



59, 35.251, 233.600



19, 16.135, 228.578

Previews

White Background



This preview shows how the CIELCh color 62, 78.318, 41.488 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, 78.318, 41.488 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, 78.318, 41.488

Background



This preview shows how black text looks on a background with the CIELCh color 62, 78.318, 41.488.



This preview shows how white text looks on a background with the CIELCh color 62, 78.318, 41.488.

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

62, 77.815, 41.499

Protanopia

62, 40.817, 96.106

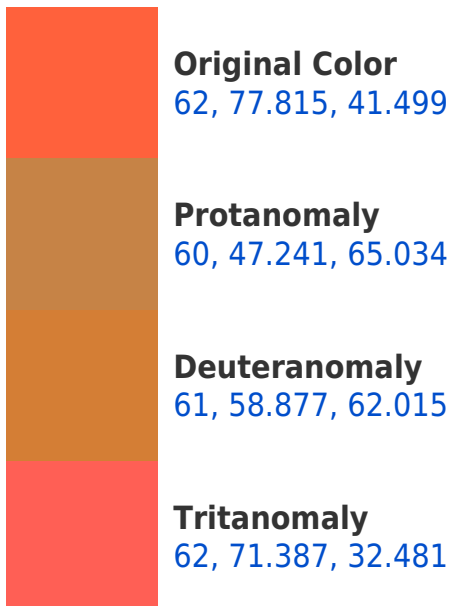
Deuteranopia

62, 54.157, 81.581



Tritanopia
62, 68.616, 26.444

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 78.318, 41.488 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, 60)` looks like.

```
.text, #text, p{  
    color:rgb(255, 97, 60)  
}
```

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, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 78.318, 41.488 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, 60) }
```

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

```
.border{ border-color:rgb(255, 97, 60) }
```

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, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 60);  
box-shadow:4px 4px 4px 4px rgb(255, 97,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 78.318, 41.488 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, 60) }
```

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

```
.background{ background-color: rgb(255, 97,  
60) }
```

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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