

Converting Colors

CIELCh(62, 78.182, 43.804)

Have a look what the booklet for
CIELCh(62, 78.182, 43.804) contains.

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Color

CIELCh(62, 78.286, 43.823)

Conversions

Conversions Part 1

Format	Color
Hex	FE6437
RGB	254, 100, 55
RGB Percent	100%, 39%, 22%
CMY	0.0046, 0.6084, 0.7848
CMYK	0.00, 0.61, 0.78, 0.00
HSL	14°, 99%, 61%
HSV	14°, 78%, 100%
XYZ	46.0441, 30.4025, 7.0406
YIQ	140.9160, 106.2290, 18.6530

Conversions

Conversions Part 2

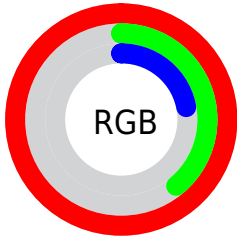
Format	Color
RYB	254, 113, 55
Decimal	16671799
CIELab	62.00, 56.48, 54.21
CIELCh	62, 78.286, 43.823
Yxy	30.4025, 0.5515, 0.3642
Android (android.graphics.Color)	4294861879 (0xFFFE6437)
YUV	140.9160, -42.3566, 99.1747
Hunter-Lab	55.1385, 52.5664, 31.0262

Details

The CIELCh color **62, 78.286, 43.823** 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 **78, 41.199, 233.643**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **74, 52.995, 52.541**, and **42, 78.058, 43.821** is the 20% darker color. If you saturate the color by 10%, you get **59, 89.121, 44.284**, and if you desaturate by 10%, it is **66, 66.545, 43.132**.

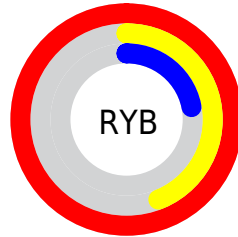
Distribution



Red (100%)

Green (39%)

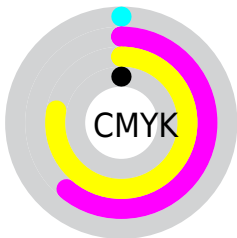
Blue (22%)



Red (100%)

Yellow (44%)

Blue (22%)

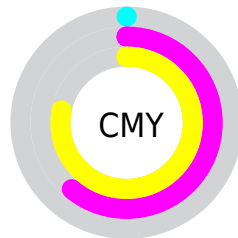


Cyan (0%)

Magenta (61%)

Yellow (78%)

Black (0%)



Cyan (0%)

Magenta (61%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 78.286, 43.823 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, 78.286, 43.823 by changing the saturation by 10% instead.

62, 78.286, 43.823

62, 78.286, 43.823

100, 78.286,
43.823

52, 78.286, 43.823

82, 78.286, 43.823

42, 78.286, 43.823

92, 78.286, 43.823

32, 78.286, 43.823

22, 78.286, 43.823

12, 78.286, 43.823

2, 78.286, 43.823

0, 78.286, 43.823

62, 78.286, 43.823

62, 78.286, 43.823

59, 89.121, 44.284

66, 66.545, 43.132

56, 97.279, 43.898

70, 54.894, 42.530

56, 98.429, 43.850

74, 43.759, 42.122

79, 33.319, 41.917

84, 23.628, 41.889

90, 14.677, 41.999

95, 6.422, 42.184

100, 0.404,
201.020

Harmonies

Complementary

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



62, 78.286, 43.823



78, 41.199, 233.643

Rectangle

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



62, 78.286, 43.823



62, 78.286, 93.823



62, 78.286, 223.823



62, 78.286, 273.823

Sweetspot

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



62, 78.283, 43.826



87, 19.691, 41.923



60, 92.343, 337.000



45, 13.731, 41.893



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, 78.283, 43.826



58, 94.472, 44.185



83, 73.963, 84.161



50, 4.393, 42.164



43, 79.084, 44.298



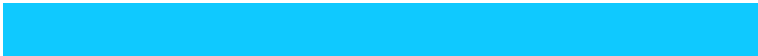
12, 29.596, 38.730

Inverse Universe

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



78, 41.199, 233.643



75, 44.107, 239.542



51, 82.389, 292.580



52, 4.145, 223.036



57, 36.022, 241.334



18, 16.276, 235.441

Previews

White Background



This preview shows how the CIELCh color 62, 78.286, 43.823 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, 78.286, 43.823 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, 78.286, 43.823

Background



This preview shows how black text looks on a background with the CIELCh color 62, 78.286, 43.823.



This preview shows how white text looks on a background with the CIELCh color 62, 78.286, 43.823.

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, 78.286, 43.823

Protanopia

62, 44.400, 95.230

Deuteranopia

62, 56.818, 82.354



Tritanopia
62, 67.964, 25.875

Trichromacy



Original Color
62, 78.286, 43.823

Protanomaly
61, 50.106, 67.161

Deuteranomaly
61, 61.010, 63.892

Tritanomaly
62, 71.137, 33.485

Monochromacy



Original Color
62, 78.286, 43.823

Achromatopsia
59, 0.008, 296.813

Achromatomaly
58, 26.307, 41.540

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 78.286, 43.823 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(254, 100, 55)` looks like.

```
.text, #text, p{  
    color:rgb(254, 100, 55)  
}
```

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(254, 100, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 100, 55) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 78.286, 43.823 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(254, 100, 55) }
```

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

```
.border{ border-color:rgb(254, 100, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 100, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 100, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 100, 55);  
box-shadow:4px 4px 4px 4px rgb(254, 100,  
55) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 78.286, 43.823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 100, 55) }
```

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

```
.background{ background-color: rgb(254,  
100, 55) }
```

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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