

Converting Colors

CIELCh(62, 66.145, 43.805)

Have a look what the booklet for
CIELCh(62, 66.145, 43.805) contains.

CIELCh(62, 66.097, 43.497)	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, 66.097, 43.497)

Conversions

Conversions Part 1

Format	Color
Hex	F16E47
RGB	241, 110, 71
RGB Percent	95%, 43%, 28%
CMY	0.0539, 0.5677, 0.7208
CMYK	0.00, 0.54, 0.70, 0.05
HSL	14°, 86%, 61%
HSV	14°, 70%, 95%
XYZ	43.1068, 30.4025, 9.5907
YIQ	144.7230, 90.5950, 15.6430

Conversions

Conversions Part 2

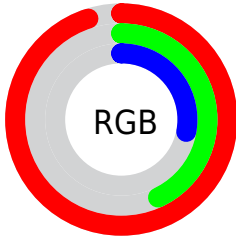
Format	Color
RYB	241, 122, 71
Decimal	15822407
CIELab	62.00, 47.95, 45.50
CIELCh	62, 66.097, 43.497
Yxy	30.4025, 0.5187, 0.3659
Android (android.graphics.Color)	4294012487 (0xFFFF16E47)
YUV	144.7230, -36.3454, 84.4349
Hunter-Lab	55.1385, 43.0573, 28.2841

Details

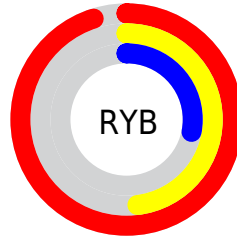
The CIELCh color **62, 66.097, 43.497** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **76, 37.621, 231.831**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 46.469, 51.706**, and **42, 65.930, 43.233** is the 20% darker color. If you saturate the color by 10%, you get **59, 77.275, 44.143**, and if you desaturate by 10%, it is **66, 54.872, 42.903**.

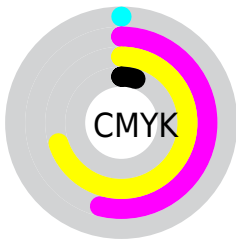
Distribution



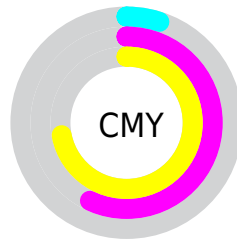
- Red (95%)
- Green (43%)
- Blue (28%)



- Red (95%)
- Yellow (48%)
- Blue (28%)



- Cyan (0%)
- Magenta (54%)
- Yellow (70%)
- Black (5%)



- Cyan (5%)
- Magenta (57%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 66.097, 43.497 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, 66.097, 43.497 by changing the saturation by 10% instead.

62, 66.097, 43.497

62, 66.097, 43.497

100, 66.097,
43.497

52, 66.097, 43.497

82, 66.097, 43.497

42, 66.097, 43.497

92, 66.097, 43.497

32, 66.097, 43.497

22, 66.097, 43.497

12, 66.097, 43.497

2, 66.097, 43.497

0, 66.097, 43.497

62, 66.097, 43.497

62, 66.097, 43.497

59, 77.275, 44.143

66, 54.872, 42.903

56, 87.325, 44.446

70, 44.090, 42.485

54, 94.481, 44.034

75, 33.951, 42.267

80, 24.524, 42.228

85, 15.808, 42.334

90, 7.767, 42.530

95, 0.345, 41.151

99, 4.735, 199.245

Harmonies

Complementary

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



62, 66.097, 43.497



76, 37.621, 231.831

Rectangle

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



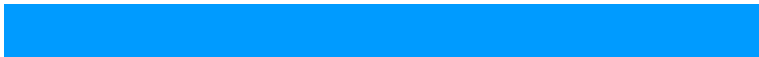
62, 66.097, 43.497



62, 66.097, 93.497



62, 66.097, 223.497



62, 66.097, 273.497

Sweetspot

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



62, 66.095, 43.500



89, 16.988, 42.324



60, 83.822, 336.247



46, 11.631, 42.285



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, 66.095, 43.500



60, 85.832, 44.368



80, 65.243, 85.459



47, 4.168, 42.551



41, 76.522, 44.494



10, 25.783, 36.947

Inverse Universe

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



76, 37.621, 231.831



77, 42.776, 236.592



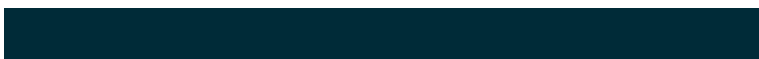
53, 70.293, 289.878



49, 3.935, 223.450



55, 35.025, 241.913



16, 14.968, 235.028

Previews

White Background



This preview shows how the CIELCh color 62, 66.097, 43.497 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, 66.097, 43.497 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, 66.097, 43.497

Background



This preview shows how black text looks on a background with the CIELCh color 62, 66.097, 43.497.



This preview shows how white text looks on a background with the CIELCh color 62, 66.097, 43.497.

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, 58.306, 23.206

Trichromacy



Original Color
62, 66.097, 43.497

Protanomaly
61, 41.951, 68.020

Deuteranomaly
61, 51.191, 63.134

Tritanomaly
62, 60.064, 31.483

Monochromacy



Original Color
62, 66.097, 43.497

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 22.185, 41.851

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 66.097, 43.497 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(241, 110, 71)` looks like.

```
.text, #text, p{  
    color:rgb(241, 110, 71)  
}
```

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(241, 110, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 110, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 66.097, 43.497 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(241, 110, 71) }
```

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

```
.border{ border-color:rgb(241, 110, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 110, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 110, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 110, 71);  
box-shadow:4px 4px 4px 4px rgb(241, 110,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 66.097, 43.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 110, 71) }
```

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

```
.background{ background-color: rgb(241,  
110, 71) }
```

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