

Converting Colors

CIELCh(73, 47.445, 57.498)

Have a look what the booklet for
CIELCh(73, 47.445, 57.498) contains.

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Color

CIELCh(73, 47.514, 57.480)

Conversions

Conversions Part 1

Format	Color
Hex	F3A06B
RGB	243, 160, 107
RGB Percent	95%, 63%, 42%
CMY	0.0478, 0.3732, 0.5810
CMYK	0.00, 0.34, 0.56, 0.05
HSL	23°, 85%, 69%
HSV	23°, 56%, 95%
XYZ	52.0859, 45.1644, 19.8394
YIQ	178.7750, 66.4810, 1.1130

Conversions

Conversions Part 2

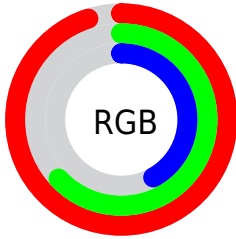
Format	Color
R_{YB}	243, 194, 107
Decimal	15966315
CIE Lab	73.00, 25.54, 40.06
CIE LCh	73, 47.514, 57.480
Yxy	45.1644, 0.4448, 0.3857
Android (android.graphics.Color)	4294156395 (0xFFFF3A06B)
YUV	178.7750, -35.3851, 56.3253
Hunter-Lab	67.2044, 20.7363, 29.5401

Details

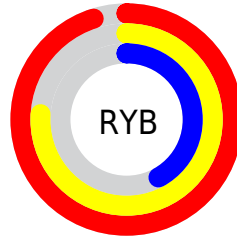
The CIELCh color **73, 47.514, 57.480** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **74, 35.511, 252.944**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 33.473, 78.850**, and **53, 47.434, 57.517** is the 20% darker color. If you saturate the color by 10%, you get **69, 57.632, 56.681**, and if you desaturate by 10%, it is **77, 37.791, 58.306**.

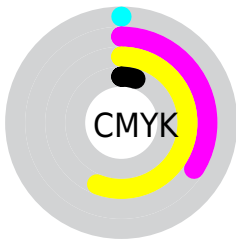
Distribution



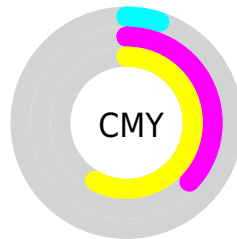
- Red (95%)
- Green (63%)
- Blue (42%)



- Red (95%)
- Yellow (76%)
- Blue (42%)



- Cyan (0%)
- Magenta (34%)
- Yellow (56%)
- Black (5%)



- Cyan (5%)
- Magenta (37%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 47.514, 57.480 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 73, 47.514, 57.480 by changing the saturation by 10% instead.

73, 47.514, 57.480

73, 47.514, 57.480

100, 47.514,
57.480

63, 47.514, 57.480

93, 47.514, 57.480

53, 47.514, 57.480

43, 47.514, 57.480

33, 47.514, 57.480

23, 47.514, 57.480

13, 47.514, 57.480

3, 47.514, 57.480

0, 47.514, 57.480

73, 47.514, 57.480

73, 47.514, 57.480

69, 57.632, 56.681

77, 37.791, 58.306

66, 67.807, 55.802

81, 28.600, 59.174

63, 77.287, 54.618

85, 19.971, 60.088

60, 84.742, 52.686

89, 11.889, 61.031

59, 87.225, 51.806

93, 4.313, 61.939

98, 2.804, 243.242

99, 4.205, 199.296

Harmonies

Complementary

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



73, 47.514, 57.480



74, 35.511, 252.944

Rectangle

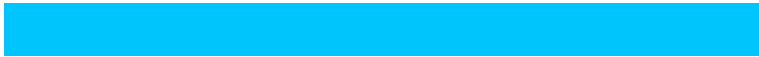
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 47.514, 57.480



73, 47.514, 107.480



73, 47.514, 237.480



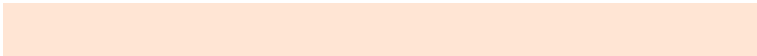
73, 47.514, 287.480

Sweetspot

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



73, 47.513, 57.484



92, 13.192, 60.932



64, 64.005, 343.121



48, 8.882, 60.741



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 47.513, 57.484



72, 61.062, 56.584



89, 60.264, 98.854



49, 4.163, 61.638



46, 71.059, 52.449



13, 25.118, 50.511

Inverse Universe

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



74, 35.511, 252.944



73, 42.806, 256.720



56, 68.449, 294.372



49, 4.002, 243.768



46, 45.584, 270.938



13, 18.354, 262.933

Previews

White Background



This preview shows how the CIELCh color 73, 47.514, 57.480 looks on a white background.

Color Contrast Check

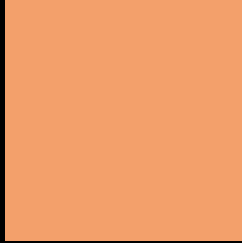
Large Text (above 18pt) WCAG AA × Fail

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 73, 47.514, 57.480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

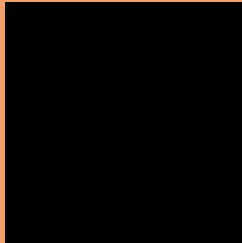
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 47.514, 57.480

Background



This preview shows how black text looks on a background with the CIELCh color 73, 47.514, 57.480.



This preview shows how white text looks on a background with the CIELCh color 73, 47.514, 57.480.

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

73, 47.514, 57.480

Protanopia

73, 35.874, 95.792

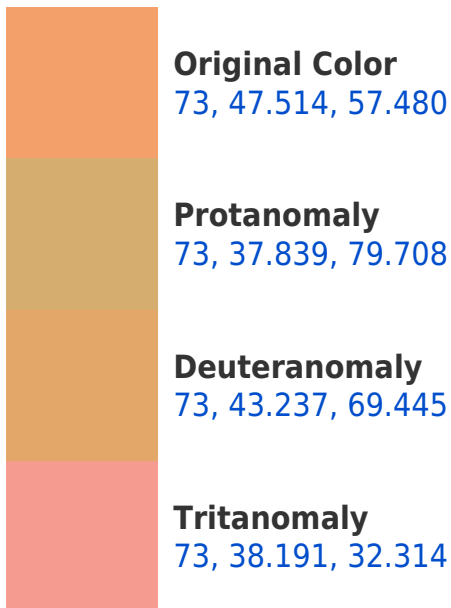
Deuteranopia

73, 41.858, 77.232



Tritanopia
73, 37.615, 14.236

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 47.514, 57.480 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(243, 160, 107)` looks like.

```
.text, #text, p{  
    color:rgb(243, 160, 107)  
}
```

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(243, 160, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 160, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 47.514, 57.480 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(243, 160, 107) }
```

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

```
.border{ border-color:rgb(243, 160, 107) }
```

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

Here you see how a box with a 4 pixel rgb(243, 160, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 160, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 160, 107);  
box-shadow:4px 4px 4px 4px rgb(243, 160,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 47.514, 57.480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 160, 107) }
```

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

```
.background{ background-color: rgb(243,  
160, 107) }
```

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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