

Converting Colors

CIELCh(73, 59.387, 57.206)

Have a look what the booklet for
CIELCh(73, 59.387, 57.206) contains.

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Color

CIELCh(73, 59.387, 57.206)

Conversions

Conversions Part 1

Format	Color
Hex	FF9A58
RGB	255, 154, 88
RGB Percent	100%, 60%, 35%
CMY	0.0000, 0.3954, 0.6543
CMYK	0.00, 0.40, 0.65, 0.00
HSL	24°, 100%, 67%
HSV	24°, 65%, 100%
XYZ	54.6560, 45.1644, 15.1015
YIQ	176.6750, 81.3820, 0.8860

Conversions

Conversions Part 2

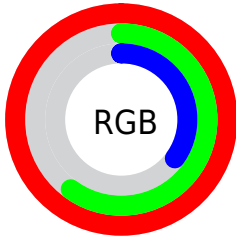
Format	Color
R _Y B	255, 197, 88
Decimal	16751192
CIE Lab	73.00, 32.17, 49.92
CIE LCh	73, 59.387, 57.206
Yxy	45.1644, 0.4756, 0.3930
Android (android.graphics.Color)	4294941272 (0xFFFF9A58)
YUV	176.6750, -43.7168, 68.6910
Hunter-Lab	67.2044, 27.5625, 33.7201

Details

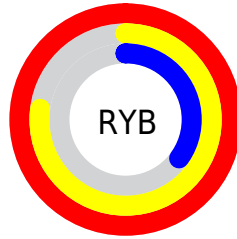
The CIELCh color **73, 59.387, 57.206** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **73, 42.292, 256.978**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 40.937, 79.331**, and **53, 59.277, 57.372** is the 20% darker color. If you saturate the color by 10%, you get **69, 69.862, 56.332**, and if you desaturate by 10%, it is **77, 48.841, 58.095**.

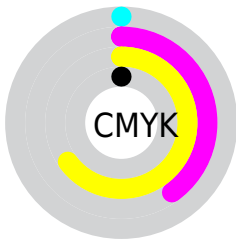
Distribution



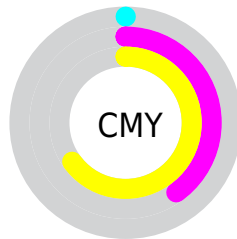
- Red (100%)
- Green (60%)
- Blue (35%)



- Red (100%)
- Yellow (77%)
- Blue (35%)



- Cyan (0%)
- Magenta (40%)
- Yellow (65%)
- Black (0%)



- Cyan (0%)
- Magenta (40%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 59.387, 57.206 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, 59.387, 57.206 by changing the saturation by 10% instead.

73, 59.387, 57.206

73, 59.387, 57.206

100, 59.387,
57.206

63, 59.387, 57.206

93, 59.387, 57.206

53, 59.387, 57.206

43, 59.387, 57.206

33, 59.387, 57.206

23, 59.387, 57.206

13, 59.387, 57.206

3, 59.387, 57.206

0, 59.387, 57.206

73, 59.387, 57.206

73, 59.387, 57.206

69, 69.862, 56.332

77, 48.841, 58.095

66, 79.703, 55.114

81, 38.773, 58.954

63, 87.479, 53.162

85, 29.252, 59.856

62, 90.303, 52.081

89, 20.310, 60.799

93, 11.927, 61.767

98, 4.064, 62.687

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.



73, 59.387, 57.206



73, 42.292, 256.978

Rectangle

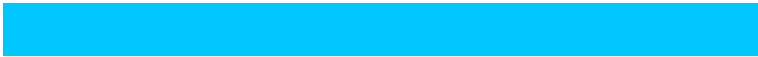
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 59.387, 57.206



73, 59.387, 107.206



73, 59.387, 237.206



73, 59.387, 287.206

Sweetspot

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



73, 59.320, 57.251



91, 15.690, 61.323



63, 75.154, 344.461



47, 10.803, 61.051



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, 59.320, 57.251



68, 73.512, 55.949



92, 71.727, 97.840



51, 4.311, 62.333



47, 72.316, 52.757



14, 27.499, 51.806

Inverse Universe

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



73, 42.292, 256.978



69, 49.157, 262.497



52, 84.700, 296.810



51, 4.148, 244.502



47, 47.133, 271.874



14, 19.756, 264.668

Previews

White Background



This preview shows how the CIELCh color 73, 59.387, 57.206 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, 59.387, 57.206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

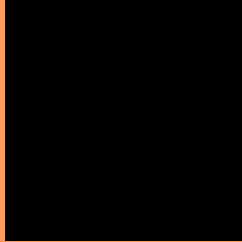
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 59.387, 57.206

Background



This preview shows how black text looks on a background with the CIELCh color 73, 59.387, 57.206.



This preview shows how white text looks on a background with the CIELCh color 73, 59.387, 57.206.

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
73, 42.630, 17.318

Trichromacy



Original Color
73, 59.387, 57.206

Protanomaly
73, 46.701, 79.081

Deuteranomaly
73, 53.279, 70.559

Tritanomaly
73, 45.489, 35.335

Monochromacy



Original Color
73, 59.387, 57.206

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 19.816, 60.952

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 59.387, 57.206 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, 154, 88)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 88)  
}
```

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, 154, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 59.387, 57.206 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, 154, 88) }
```

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

```
.border{ border-color:rgb(255, 154, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 154, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 88);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 59.387, 57.206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 88) }
```

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

```
.background{ background-color: rgb(255,  
154, 88) }
```

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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