

Converting Colors

CIELCh(73, 48.820, 47.289)

Have a look what the booklet for
CIELCh(73, 48.820, 47.289) contains.

CIELCh(73, 49.067, 47.349)	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(73, 49.067, 47.349)

Conversions

Conversions Part 1

Format	Color
Hex	FD9A73
RGB	253, 154, 115
RGB Percent	99%, 60%, 45%
CMY	0.0084, 0.3965, 0.5495
CMYK	0.00, 0.39, 0.55, 0.01
HSL	17°, 97%, 72%
HSV	17°, 55%, 99%
XYZ	55.0827, 45.1644, 22.0003
YIQ	179.1550, 71.5230, 8.8590

Conversions

Conversions Part 2

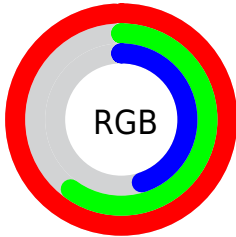
Format	Color
R _Y B	253, 169, 115
Decimal	16620147
CIE Lab	73.00, 33.24, 36.09
CIE LCh	73, 49.067, 47.349
Yxy	45.1644, 0.4506, 0.3695
Android (android.graphics.Color)	4294810227 (0xFFFD9A73)
YUV	179.1550, -31.6284, 64.7621
Hunter-Lab	67.2044, 28.6959, 27.6337

Details

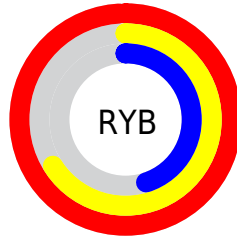
The CIELCh color **73, 49.067, 47.349** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **81, 33.469, 236.547**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 28.904, 68.712**, and **53, 48.838, 47.629** is the 20% darker color. If you saturate the color by 10%, you get **69, 60.172, 47.376**, and if you desaturate by 10%, it is **77, 38.546, 47.464**.

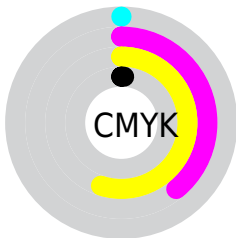
Distribution



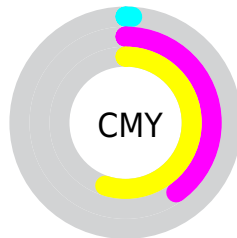
- Red (99%)
- Green (60%)
- Blue (45%)



- Red (99%)
- Yellow (66%)
- Blue (45%)



- Cyan (0%)
- Magenta (39%)
- Yellow (55%)
- Black (1%)



- Cyan (1%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 49.067, 47.349 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, 49.067, 47.349 by changing the saturation by 10% instead.

73, 49.067, 47.349

73, 49.067, 47.349

100, 49.067,
47.349

63, 49.067, 47.349

93, 49.067, 47.349

53, 49.067, 47.349

43, 49.067, 47.349

33, 49.067, 47.349

23, 49.067, 47.349

13, 49.067, 47.349

3, 49.067, 47.349

0, 49.067, 47.349

73, 49.067, 47.349

73, 49.067, 47.349

69, 60.172, 47.376

77, 38.546, 47.464

65, 71.568, 47.464

82, 28.722, 47.714

62, 82.548, 47.401

87, 19.608, 48.083

59, 91.650, 46.685

92, 11.174, 48.537

57, 95.491, 46.014

97, 3.367, 48.962

100, 0.742,
200.251

Harmonies

Complementary

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



73, 49.067, 47.349



81, 33.469, 236.547

Rectangle

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



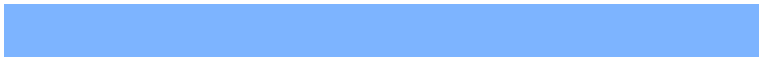
73, 49.067, 47.349



73, 49.067, 97.349



73, 49.067, 227.349



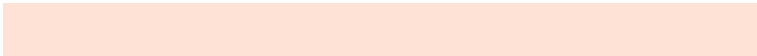
73, 49.067, 277.349

Sweetspot

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



73, 49.065, 47.353



92, 12.430, 48.469



68, 69.618, 337.124



48, 8.460, 48.372



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, 49.065, 47.353



69, 61.086, 47.379



89, 55.364, 91.492



50, 4.306, 48.778



44, 76.922, 46.544



13, 28.789, 42.536

Inverse Universe

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



81, 33.469, 236.547



79, 38.110, 239.333



63, 59.197, 288.195



51, 4.082, 230.151



54, 38.458, 252.942



17, 16.939, 246.094

Previews

White Background



This preview shows how the CIELCh color 73, 49.067, 47.349 looks on a white background.

Color Contrast Check

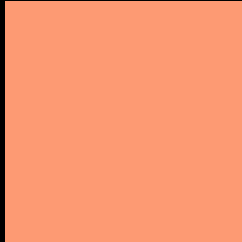
Large Text (above 18pt) WCAG AA × Fail

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, 49.067, 47.349 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, 49.067, 47.349

Background



This preview shows how black text looks on a background with the CIELCh color 73, 49.067, 47.349.

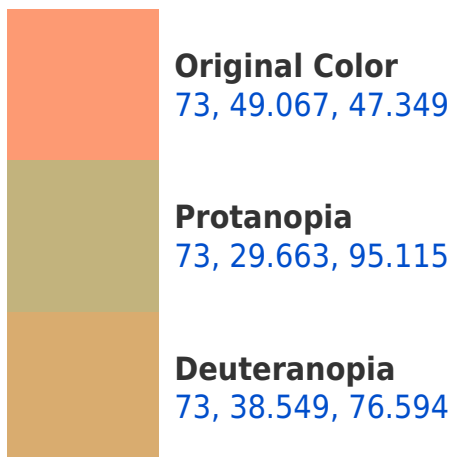


This preview shows how white text looks on a background with the CIELCh color 73, 49.067, 47.349.

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, 42.586, 16.604

Trichromacy



Original Color
73, 49.067, 47.349

Protanomaly
73, 33.110, 72.082

Deuteranomaly
73, 41.040, 63.871

Tritanomaly
73, 43.116, 29.004

Monochromacy



Original Color
73, 49.067, 47.349

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 16.380, 47.812

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 49.067, 47.349 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(253, 154, 115)` looks like.

```
.text, #text, p{  
    color:rgb(253, 154, 115)  
}
```

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(253, 154, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 154, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 49.067, 47.349 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(253, 154, 115) }
```

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

```
.border{ border-color:rgb(253, 154, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 154, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 154, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 154, 115);  
box-shadow:4px 4px 4px 4px rgb(253, 154,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 49.067, 47.349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 154, 115) }
```

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

```
.background{ background-color: rgb(253,  
154, 115) }
```

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