

Converting Colors

CIELCh(78, 59.201, 42.885)

Have a look what the booklet for
CIELCh(78, 59.201, 42.885) contains.

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Color

CIELCh(74, 47.664, 47.253)

Conversions

Conversions Part 1

Format	Color
Hex	FE9D77
RGB	254, 157, 119
RGB Percent	100%, 62%, 47%
CMY	0.0028, 0.3828, 0.5318
CMYK	0.00, 0.38, 0.53, 0.00
HSL	17°, 99%, 73%
HSV	17°, 53%, 100%
XYZ	56.4489, 46.7039, 23.6188
YIQ	181.6710, 70.0100, 8.7460

Conversions

Conversions Part 2

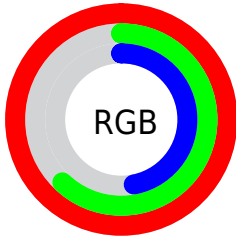
Format	Color
RYB	254, 172, 119
Decimal	16686455
CIELab	74.00, 32.35, 35.00
CIELCh	74, 47.664, 47.253
Yxy	46.7039, 0.4453, 0.3684
Android (android.graphics.Color)	4294876535 (0xFFFE9D77)
YUV	181.6710, -30.8968, 63.4325
Hunter-Lab	68.3403, 27.8451, 27.3472

Details

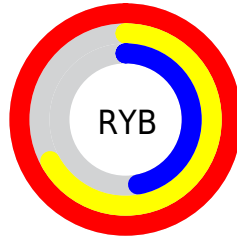
The CIELCh color **74, 47.664, 47.253** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **82, 32.900, 236.025**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 27.171, 69.442**, and **54, 47.778, 47.331** is the 20% darker color. If you saturate the color by 10%, you get **70, 58.750, 47.271**, and if you desaturate by 10%, it is **79, 37.190, 47.382**.

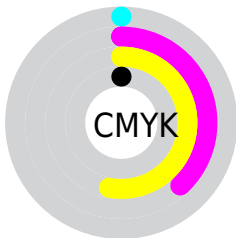
Distribution



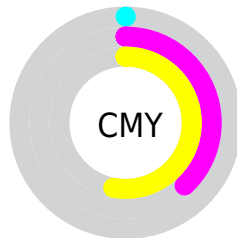
- Red (100%)
- Green (62%)
- Blue (47%)



- Red (100%)
- Yellow (67%)
- Blue (47%)



- Cyan (0%)
- Magenta (38%)
- Yellow (53%)
- Black (0%)



- Cyan (0%)
- Magenta (38%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 47.664, 47.253 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 74, 47.664, 47.253 by changing the saturation by 10% instead.

74, 47.664, 47.253

74, 47.664, 47.253

100, 47.664,
47.253

64, 47.664, 47.253

94, 47.664, 47.253

54, 47.664, 47.253

44, 47.664, 47.253

34, 47.664, 47.253

24, 47.664, 47.253

14, 47.664, 47.253

4, 47.664, 47.253

0, 47.664, 47.253

74, 47.664, 47.253

74, 47.664, 47.253

70, 58.750, 47.271

79, 37.190, 47.382

66, 70.194, 47.369

83, 27.425, 47.644

62, 81.366, 47.366

88, 18.371, 48.022

59, 90.926, 46.805

93, 9.995, 48.479

58, 95.962, 45.957

98, 2.241, 48.822

100, 0.250,
202.043

Harmonies

Complementary

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



74, 47.664, 47.253



82, 32.900, 236.025

Rectangle

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



74, 47.664, 47.253



74, 47.664, 97.253



74, 47.664, 227.253



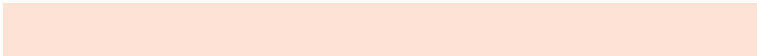
74, 47.664, 277.253

Sweetspot

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



74, 47.662, 47.257



92, 12.433, 48.339



69, 68.267, 336.987



48, 8.463, 48.243



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 47.662, 47.257



70, 59.976, 47.279



89, 54.124, 91.692



50, 4.307, 48.645



44, 76.967, 46.494



13, 28.805, 42.455

Inverse Universe

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



82, 32.900, 236.025



79, 37.701, 238.854



64, 57.668, 287.802



51, 4.083, 230.008



54, 38.397, 252.724



17, 16.921, 245.890

Previews

White Background



This preview shows how the CIELCh color 74, 47.664, 47.253 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 74, 47.664, 47.253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

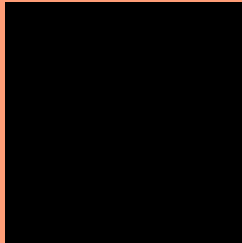
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 47.664, 47.253

Background



This preview shows how black text looks on a background with the CIELCh color 74, 47.664, 47.253.



This preview shows how white text looks on a background with the CIELCh color 74, 47.664, 47.253.

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

74, 47.735, 47.252

Protanopia

74, 28.453, 95.692

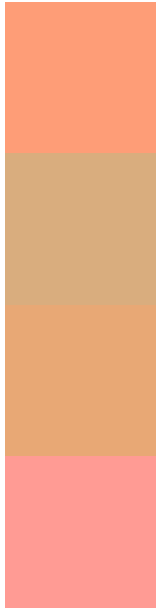
Deuteranopia

74, 37.313, 75.133



Tritanopia
74, 40.781, 15.290

Trichromacy



Original Color
74, 47.735, 47.252

Protanomaly
74, 31.817, 71.836

Deuteranomaly
74, 39.723, 63.485

Tritanomaly
74, 41.487, 28.282

Monochromacy



Original Color
74, 47.735, 47.252

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 15.952, 48.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 47.664, 47.253 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, 157, 119)` looks like.

```
.text, #text, p{  
    color:rgb(254, 157, 119)  
}
```

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, 157, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 157, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 47.664, 47.253 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, 157, 119) }
```

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

```
.border{ border-color:rgb(254, 157, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 157, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 157, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 157, 119);  
box-shadow:4px 4px 4px 4px rgb(254, 157,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 47.664, 47.253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 157, 119) }
```

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

```
.background{ background-color: rgb(254,  
157, 119) }
```

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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