

Converting Colors

CIELCh(74, 42.781, 49.916)

Have a look what the booklet for
CIELCh(74, 42.781, 49.916) contains.

CIELCh(74, 42.781, 49.916)	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(74, 42.781, 49.916)

Conversions

Conversions Part 1

Format	Color
Hex	F6A17B
RGB	246, 161, 123
RGB Percent	96%, 63%, 48%
CMY	0.0338, 0.3673, 0.5164
CMYK	0.00, 0.35, 0.50, 0.03
HSL	19°, 88%, 72%
HSV	19°, 50%, 97%
XYZ	54.5347, 46.7039, 24.9831
YIQ	182.0830, 62.8580, 6.2020

Conversions

Conversions Part 2

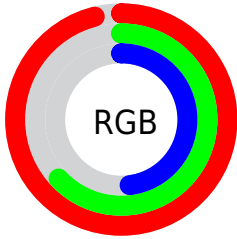
Format	Color
RYB	246, 178, 123
Decimal	16163195
CIELab	74.00, 27.55, 32.73
CIELCh	74, 42.781, 49.916
Yxy	46.7039, 0.4321, 0.3700
Android (android.graphics.Color)	4294353275 (0xFFFF6A17B)
YUV	182.0830, -29.1279, 56.0552
Hunter-Lab	68.3403, 22.8453, 26.1636

Details

The CIELCh color **74, 42.781, 49.916** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **80, 30.902, 239.490**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 26.038, 72.181**, and **54, 42.402, 50.009** is the 20% darker color. If you saturate the color by 10%, you get **70, 53.252, 49.675**, and if you desaturate by 10%, it is **78, 32.923, 50.280**.

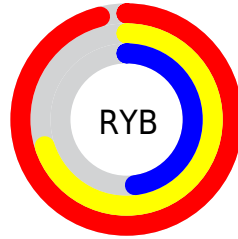
Distribution



Red (96%)

Green (63%)

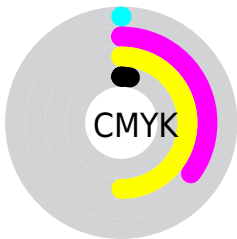
Blue (48%)



Red (96%)

Yellow (70%)

Blue (48%)

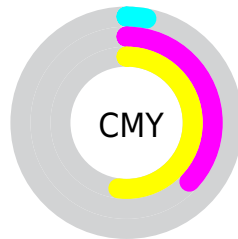


Cyan (0%)

Magenta (35%)

Yellow (50%)

Black (3%)



Cyan (3%)

Magenta (37%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 42.781, 49.916 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, 42.781, 49.916 by changing the saturation by 10% instead.

 74, 42.781, 49.916

 74, 42.781, 49.916

 100, 42.781,
49.916

 64, 42.781, 49.916

 94, 42.781, 49.916

 54, 42.781, 49.916

 44, 42.781, 49.916

 34, 42.781, 49.916

 24, 42.781, 49.916

 14, 42.781, 49.916

 4, 42.781, 49.916

 0, 42.781, 49.916

 74, 42.781, 49.916

 74, 42.781, 49.916

70, 53.252, 49.675

78, 32.923, 50.280

66, 64.155, 49.506

83, 23.737, 50.748

63, 75.023, 49.281

87, 15.211, 51.303

60, 84.831, 48.658

92, 7.303, 51.903

57, 92.246, 47.269

97, 0.044, 246.170

57, 92.284, 47.263

99, 2.986, 199.438

Harmonies

Complementary

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



74, 42.781, 49.916



80, 30.902, 239.490

Rectangle

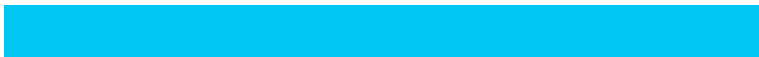
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 42.781, 49.916



74, 42.781, 99.916



74, 42.781, 229.916



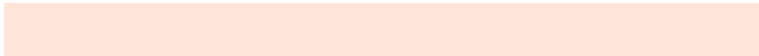
74, 42.781, 279.916

Sweetspot

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



74, 42.780, 49.921



93, 11.544, 51.598



68, 61.784, 338.225



48, 7.939, 51.470



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, 42.780, 49.921



72, 54.838, 49.672



89, 51.137, 94.391



49, 4.144, 51.931



43, 74.292, 47.847



12, 25.969, 43.477

Inverse Universe

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



80, 30.902, 239.490



79, 36.564, 242.113



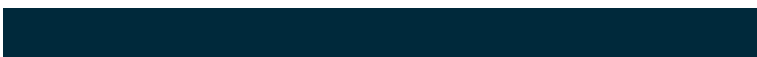
63, 55.006, 288.869



49, 3.941, 233.514



51, 39.229, 257.802



15, 16.415, 249.971

Previews

White Background



This preview shows how the CIELCh color 74, 42.781, 49.916 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, 42.781, 49.916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

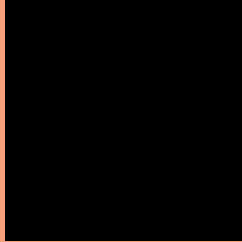
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 42.781, 49.916

Background



This preview shows how black text looks on a background with the CIELCh color 74, 42.781, 49.916.



This preview shows how white text looks on a background with the CIELCh color 74, 42.781, 49.916.

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, 42.781, 49.916

Protanopia

74, 27.418, 95.382

Deuteranopia

74, 34.764, 73.858



Tritanopia
74, 37.920, 13.521

Trichromacy



Original Color
74, 42.781, 49.916

Protanomaly
74, 29.826, 73.421

Deuteranomaly
74, 36.735, 63.365

Tritanomaly
74, 37.923, 27.631

Monochromacy



Original Color
74, 42.781, 49.916

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 14.209, 49.683

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 42.781, 49.916 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(246, 161, 123)` looks like.

```
.text, #text, p{  
    color:rgb(246, 161, 123)  
}
```

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(246, 161, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 161, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 42.781, 49.916 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(246, 161, 123) }
```

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

```
.border{ border-color:rgb(246, 161, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 161, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 161, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 161, 123);  
box-shadow:4px 4px 4px 4px rgb(246, 161,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 42.781, 49.916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 161, 123) }
```

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

```
.background{ background-color: rgb(246,  
161, 123) }
```

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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