

Converting Colors

CIELCh(75, 47.927, 52.126)

Have a look what the booklet for
CIELCh(75, 47.927, 52.126) contains.

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Color

CIELCh(75, 48.129, 52.110)

Conversions

Conversions Part 1

Format	Color
Hex	FEA274
RGB	254, 162, 116
RGB Percent	100%, 64%, 45%
CMY	0.0031, 0.3640, 0.5444
CMYK	0.00, 0.36, 0.54, 0.00
HSL	20°, 99%, 73%
HSV	20°, 54%, 100%
XYZ	57.0620, 48.2781, 22.8857
YIQ	184.2640, 69.5980, 5.1980

Conversions

Conversions Part 2

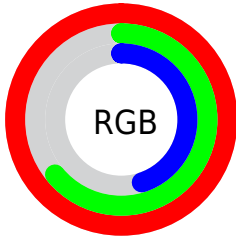
Format	Color
RYB	254, 185, 116
Decimal	16687732
CIELab	75.00, 29.56, 37.98
CIELCh	75, 48.129, 52.110
Yxy	48.2781, 0.4450, 0.3765
Android (android.graphics.Color)	4294877812 (0xFFFEA274)
YUV	184.2640, -33.6542, 61.1585
Hunter-Lab	69.4824, 24.9977, 29.1091

Details

The CIELCh color **75, 48.129, 52.110** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **80, 34.305, 244.276**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 29.327, 76.997**, and **55, 48.119, 52.171** is the 20% darker color. If you saturate the color by 10%, you get **71, 58.943, 51.715**, and if you desaturate by 10%, it is **79, 37.853, 52.593**.

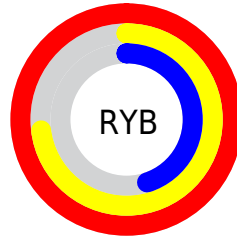
Distribution



Red (100%)

Green (64%)

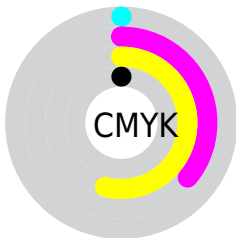
Blue (45%)



Red (100%)

Yellow (73%)

Blue (45%)

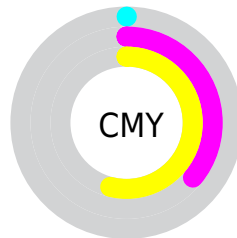


Cyan (0%)

Magenta (36%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 48.129, 52.110 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 75, 48.129, 52.110 by changing the saturation by 10% instead.

75, 48.129, 52.110

75, 48.129, 52.110

100, 48.129,
52.110

65, 48.129, 52.110

95, 48.129, 52.110

55, 48.129, 52.110

45, 48.129, 52.110

35, 48.129, 52.110

25, 48.129, 52.110

15, 48.129, 52.110

5, 48.129, 52.110

0, 48.129, 52.110

75, 48.129, 52.110

75, 48.129, 52.110

71, 58.943, 51.715

79, 37.853, 52.593

67, 70.004, 51.321

84, 28.226, 53.164

64, 80.618, 50.722

88, 19.259, 53.817

61, 89.407, 49.463

93, 10.923, 54.525

59, 93.297, 48.437

98, 3.166, 55.174

100, 0.276,
201.787

Harmonies

Complementary

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



75, 48.129, 52.110



80, 34.305, 244.276

Rectangle

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



75, 48.129, 52.110



75, 48.129, 102.110



75, 48.129, 232.110



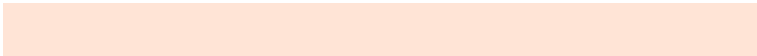
75, 48.129, 282.110

Sweetspot

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



75, 48.128, 52.114



92, 12.328, 54.402



68, 66.710, 340.302



48, 8.387, 54.255



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 48.128, 52.114



71, 59.868, 51.688



92, 58.349, 96.004



51, 4.278, 54.865



45, 74.850, 49.044



13, 28.138, 46.440

Inverse Universe

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



80, 34.305, 244.276



76, 39.444, 247.518



61, 64.530, 291.675



51, 4.080, 236.640



51, 41.796, 262.213



16, 17.976, 254.987

Previews

White Background



This preview shows how the CIELCh color 75, 48.129, 52.110 looks on a white background.

Color Contrast Check

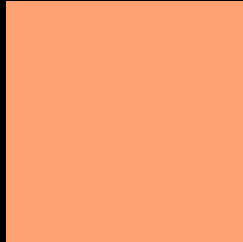
Large Text (above 18pt) WCAG AA × Fail

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 75, 48.129, 52.110 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 75, 48.129, 52.110

Background



This preview shows how black text looks on a background with the CIELCh color 75, 48.129, 52.110.

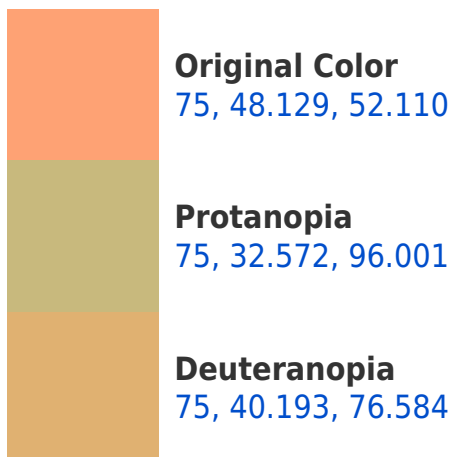


This preview shows how white text looks on a background with the CIELCh color 75, 48.129, 52.110.

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
75, 39.026, 14.676

Trichromacy



Original Color
75, 48.129, 52.110

Protanomaly
75, 35.065, 75.850

Deuteranomaly
75, 42.128, 66.870

Tritanomaly
75, 40.103, 30.447

Monochromacy



Original Color
75, 48.129, 52.110

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 16.466, 53.833

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 48.129, 52.110 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, 162, 116)` looks like.

```
.text, #text, p{  
    color:rgb(254, 162, 116)  
}
```

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, 162, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 162, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 48.129, 52.110 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, 162, 116) }
```

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

```
.border{ border-color:rgb(254, 162, 116) }
```

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

Here you see how a box with a 4 pixel rgb(254, 162, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 162, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 162, 116);  
box-shadow:4px 4px 4px 4px rgb(254, 162,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 48.129, 52.110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 162, 116) }
```

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

```
.background{ background-color: rgb(254,  
162, 116) }
```

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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