

Converting Colors

CIELCh(75, 41.653, 47.273)

Have a look what the booklet for
CIELCh(75, 41.653, 47.273) contains.

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Color

CIELCh(75, 41.681, 47.476)

Conversions

Conversions Part 1

Format	Color
Hex	FAA482
RGB	250, 164, 130
RGB Percent	98%, 64%, 51%
CMY	0.0212, 0.3582, 0.4915
CMYK	0.00, 0.34, 0.48, 0.02
HSL	17°, 92%, 74%
HSV	17°, 48%, 98%
XYZ	56.5013, 48.2781, 27.3413
YIQ	185.8380, 62.1700, 7.6580

Conversions

Conversions Part 2

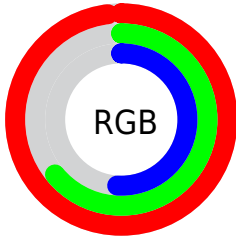
Format	Color
R _Y B	250, 177, 130
Decimal	16426114
CIE Lab	75.00, 28.17, 30.72
CIE LCh	75, 41.681, 47.476
Yxy	48.2781, 0.4276, 0.3654
Android (android.graphics.Color)	4294616194 (0xFFFAA482)
YUV	185.8380, -27.5281, 56.2701
Hunter-Lab	69.4824, 23.5572, 25.3071

Details

The CIELCh color **75, 41.681, 47.476** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **82, 30.033, 235.227**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 23.504, 71.874**, and **55, 41.653, 47.273** is the 20% darker color. If you saturate the color by 10%, you get **71, 52.304, 47.412**, and if you desaturate by 10%, it is **80, 31.719, 47.689**.

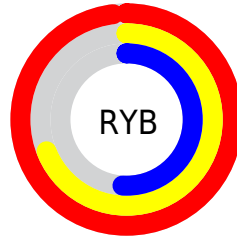
Distribution



Red (98%)

Green (64%)

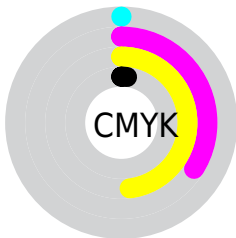
Blue (51%)



Red (98%)

Yellow (69%)

Blue (51%)

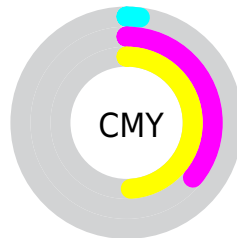


Cyan (0%)

Magenta (34%)

Yellow (48%)

Black (2%)



Cyan (2%)

Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 41.681, 47.476 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, 41.681, 47.476 by changing the saturation by 10% instead.

75, 41.681, 47.476

75, 41.681, 47.476

100, 41.681,
47.476

65, 41.681, 47.476

95, 41.681, 47.476

55, 41.681, 47.476

45, 41.681, 47.476

35, 41.681, 47.476

25, 41.681, 47.476

15, 41.681, 47.476

5, 41.681, 47.476

0, 41.681, 47.476

75, 41.681, 47.476

75, 41.681, 47.476

71, 52.304, 47.412

80, 31.719, 47.689

67, 63.436, 47.464

84, 22.462, 48.024

63, 74.675, 47.528

89, 13.890, 48.457

60, 85.106, 47.307

94, 5.958, 48.931

57, 93.117, 46.260

99, 1.394, 230.060

57, 94.497, 46.068

100, 1.873,
199.640

Harmonies

Complementary

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



75, 41.681, 47.476



82, 30.033, 235.227

Rectangle

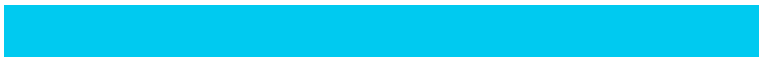
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75, 41.681, 47.476



75, 41.681, 97.476



75, 41.681, 227.476



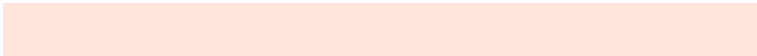
75, 41.681, 277.476

Sweetspot

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



75, 41.679, 47.481



93, 10.789, 48.650



70, 60.965, 337.286



48, 7.512, 48.546



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, 41.679, 47.481



72, 53.174, 47.412



89, 49.092, 93.508



50, 4.234, 48.866



43, 76.102, 46.607



12, 27.545, 42.065

Inverse Universe

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



82, 30.033, 235.227



81, 35.243, 237.514



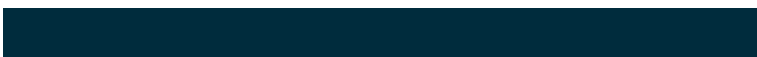
66, 52.176, 287.502



50, 4.015, 230.243



53, 38.102, 253.034



16, 16.471, 245.842

Previews

White Background



This preview shows how the CIELCh color 75, 41.681, 47.476 looks on a white background.

Color Contrast Check

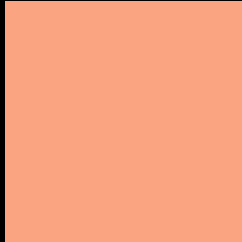
Large Text (above 18pt) WCAG AA × Fail

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, 41.681, 47.476 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, 41.681, 47.476

Background



This preview shows how black text looks on a background with the CIELCh color 75, 41.681, 47.476.

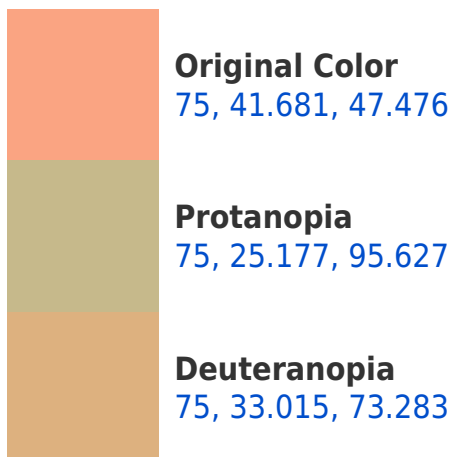


This preview shows how white text looks on a background with the CIELCh color 75, 41.681, 47.476.

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](#).

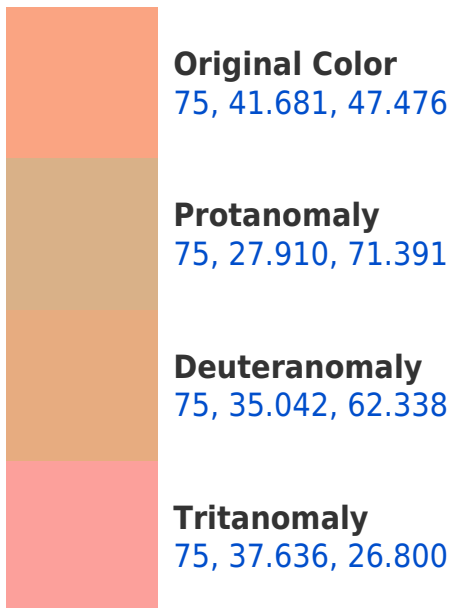
Dichromacy





Tritanopia
75, 37.797, 13.447

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 41.681, 47.476 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(250, 164, 130)` looks like.

```
.text, #text, p{  
    color:rgb(250, 164, 130)  
}
```

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(250, 164, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 164, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 41.681, 47.476 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(250, 164, 130) }
```

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

```
.border{ border-color:rgb(250, 164, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 164, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 164, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 164, 130);  
box-shadow:4px 4px 4px 4px rgb(250, 164,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 41.681, 47.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 164, 130) }
```

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

```
.background{ background-color: rgb(250,  
164, 130) }
```

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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