

Converting Colors

CIELCh(74, 49.993, 62.610)

Have a look what the booklet for
CIELCh(74, 49.993, 62.610) contains.

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Color

CIELCh(74, 49.794, 62.517)

Conversions

Conversions Part 1

Format	Color
Hex	F3A465
RGB	243, 164, 101
RGB Percent	95%, 64%, 40%
CMY	0.0458, 0.3558, 0.6029
CMYK	0.00, 0.32, 0.58, 0.05
HSL	27°, 86%, 68%
HSV	27°, 58%, 95%
XYZ	52.7557, 46.7039, 18.6129
YIQ	180.4390, 67.3070, -2.8450

Conversions

Conversions Part 2

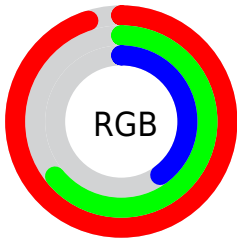
Format	Color
R _Y B	243, 214, 101
Decimal	15967333
CIE Lab	74.00, 22.98, 44.17
CIE LCh	74, 49.794, 62.517
Yxy	46.7039, 0.4468, 0.3956
Android (android.graphics.Color)	4294157413 (0xFFFF3A465)
YUV	180.4390, -39.1634, 54.8660
Hunter-Lab	68.3403, 18.1986, 31.6902

Details

The CIELCh color **74, 49.794, 62.517** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **71, 39.171, 260.904**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 37.260, 84.201**, and **54, 49.613, 62.464** is the 20% darker color. If you saturate the color by 10%, you get **71, 59.622, 61.384**, and if you desaturate by 10%, it is **78, 40.180, 63.618**.

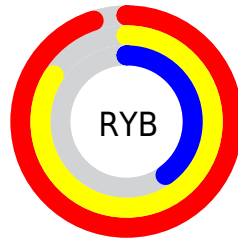
Distribution



Red (95%)

Green (64%)

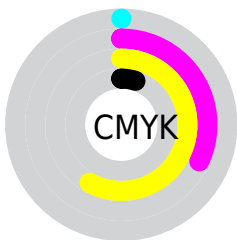
Blue (40%)



Red (95%)

Yellow (84%)

Blue (40%)

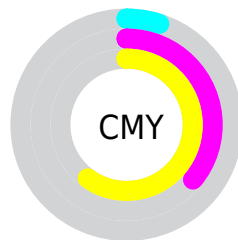


Cyan (0%)

Magenta (32%)

Yellow (58%)

Black (5%)



Cyan (5%)

Magenta (36%)

Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 49.794, 62.517 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, 49.794, 62.517 by changing the saturation by 10% instead.

 74, 49.794, 62.517

 74, 49.794, 62.517

 100, 49.794,
62.517

 64, 49.794, 62.517

 94, 49.794, 62.517

 54, 49.794, 62.517

 44, 49.794, 62.517

 34, 49.794, 62.517

 24, 49.794, 62.517

 14, 49.794, 62.517

 4, 49.794, 62.517

 0, 49.794, 62.517

 74, 49.794, 62.517

 74, 49.794, 62.517

71, 59.622, 61.384

78, 40.180, 63.618

68, 69.223, 60.090

81, 30.977, 64.720

65, 77.712, 58.378

85, 22.248, 65.836

62, 83.918, 55.890

89, 13.999, 66.959

62, 84.836, 55.491

93, 6.204, 68.055

97, 1.175, 249.670

99, 4.035, 199.314

Harmonies

Complementary

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



74, 49.794, 62.517



71, 39.171, 260.904

Rectangle

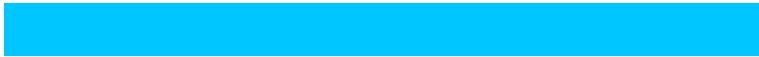
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74, 49.794, 62.517



74, 49.794, 112.517



74, 49.794, 242.517



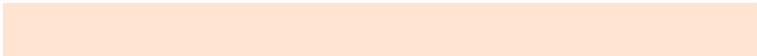
74, 49.794, 292.517

Sweetspot

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



74, 49.793, 62.521



93, 14.226, 66.997



63, 64.497, 346.320



48, 9.969, 66.670



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, 49.793, 62.521



73, 63.600, 61.169



91, 65.270, 101.388



49, 4.241, 67.938



48, 69.065, 56.170



14, 24.767, 55.718

Inverse Universe

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



71, 39.171, 260.904



69, 47.748, 265.172



52, 76.212, 296.991



49, 4.111, 250.313



43, 50.866, 277.985



12, 20.075, 270.253

Previews

White Background



This preview shows how the CIELCh color 74, 49.794, 62.517 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, 49.794, 62.517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

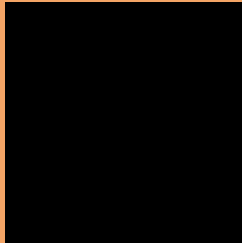
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 49.794, 62.517

Background



This preview shows how black text looks on a background with the CIELCh color 74, 49.794, 62.517.



This preview shows how white text looks on a background with the CIELCh color 74, 49.794, 62.517.

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, 49.794, 62.517

Protanopia

74, 40.014, 95.241

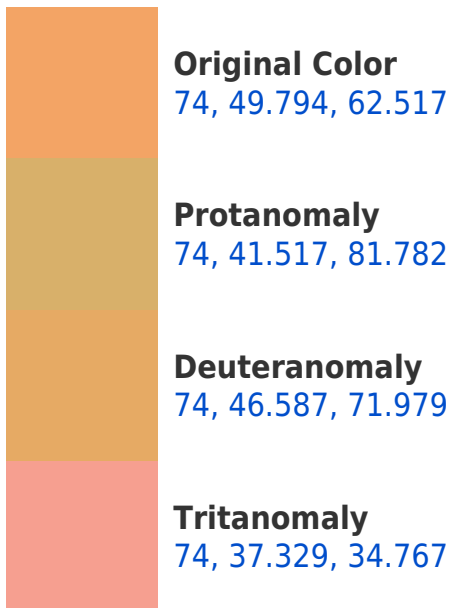
Deuteranopia

74, 45.870, 78.293

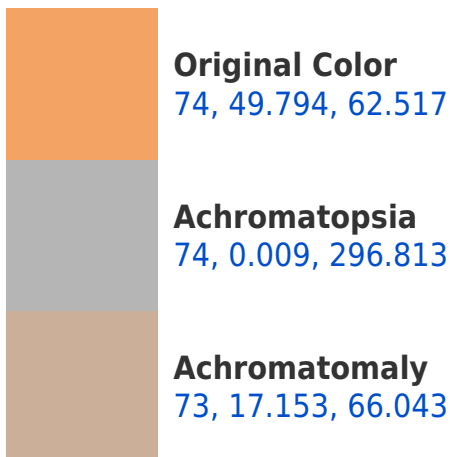


Tritanopia
74, 36.701, 13.049

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 49.794, 62.517 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(243, 164, 101)` looks like.

```
.text, #text, p{  
    color:rgb(243, 164, 101)  
}
```

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(243, 164, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 164, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 49.794, 62.517 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(243, 164, 101) }
```

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

```
.border{ border-color:rgb(243, 164, 101) }
```

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

Here you see how a box with a 4 pixel rgb(243, 164, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 164, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 164, 101);  
box-shadow:4px 4px 4px 4px rgb(243, 164,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 49.794, 62.517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 164, 101) }
```

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

```
.background{ background-color: rgb(243,  
164, 101) }
```

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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