

Converting Colors

CIELCh(74, 48.659, 62.861)

Have a look what the booklet for
CIELCh(74, 48.659, 62.861) contains.

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Color

CIELCh(74, 48.659, 62.861)

Conversions

Conversions Part 1

Format	Color
Hex	F2A567
RGB	242, 165, 103
RGB Percent	95%, 65%, 40%
CMY	0.0515, 0.3533, 0.5965
CMYK	0.00, 0.32, 0.57, 0.05
HSL	27°, 84%, 68%
HSV	27°, 57%, 95%
XYZ	52.4545, 46.7039, 19.0554
YIQ	180.9550, 65.7940, -2.9580

Conversions

Conversions Part 2

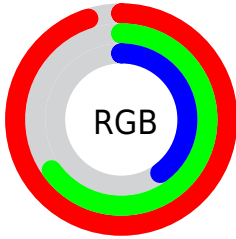
Format	Color
R _Y B	242, 215, 103
Decimal	15902055
CIE Lab	74.00, 22.20, 43.30
CIE LCh	74, 48.659, 62.861
Yxy	46.7039, 0.4437, 0.3951
Android (android.graphics.Color)	4294092135 (0xFFFF2A567)
YUV	180.9550, -38.4318, 53.5365
Hunter-Lab	68.3403, 17.4121, 31.3063

Details

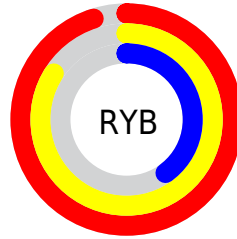
The CIELCh color **74, 48.659, 62.861** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **71, 38.548, 260.906**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 36.582, 84.561**, and **54, 48.422, 62.896** is the 20% darker color. If you saturate the color by 10%, you get **71, 58.418, 61.723**, and if you desaturate by 10%, it is **77, 39.133, 63.972**.

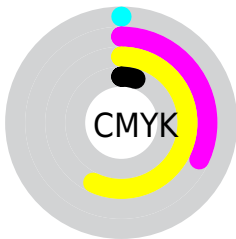
Distribution



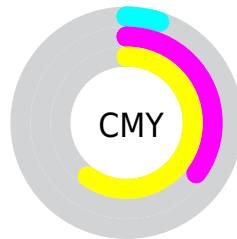
- Red (95%)
- Green (65%)
- Blue (40%)



- Red (95%)
- Yellow (84%)
- Blue (40%)



- Cyan (0%)
- Magenta (32%)
- Yellow (57%)
- Black (5%)



- Cyan (5%)
- Magenta (35%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 48.659, 62.861 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, 48.659, 62.861 by changing the saturation by 10% instead.

74, 48.659, 62.861

74, 48.659, 62.861

100, 48.659,
62.861

64, 48.659, 62.861

94, 48.659, 62.861

54, 48.659, 62.861

44, 48.659, 62.861

34, 48.659, 62.861

24, 48.659, 62.861

14, 48.659, 62.861

4, 48.659, 62.861

0, 48.659, 62.861

74, 48.659, 62.861

74, 48.659, 62.861

71, 58.418, 61.723

77, 39.133, 63.972

68, 68.001, 60.438

81, 30.020, 65.084

65, 76.577, 58.768

85, 21.379, 66.209

62, 82.922, 56.326

89, 13.209, 67.338

61, 84.343, 55.684

93, 5.485, 68.432

96, 1.832, 249.912

99, 4.524, 199.265

Harmonies

Complementary

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



74, 48.659, 62.861



71, 38.548, 260.906

Rectangle

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



74, 48.659, 62.861



74, 48.659, 112.861



74, 48.659, 242.861



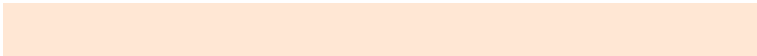
74, 48.659, 292.861

Sweetspot

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



74, 48.658, 62.865



93, 13.411, 67.384



63, 63.351, 346.177



49, 9.021, 67.158



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, 48.658, 62.865



74, 62.567, 61.515



91, 64.061, 101.477



48, 4.173, 68.221



47, 68.258, 56.391



13, 23.528, 55.616

Inverse Universe

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



71, 38.548, 260.906



70, 47.318, 265.089



53, 74.515, 296.768



48, 4.047, 250.599



43, 50.555, 278.225



11, 19.462, 270.072

Previews

White Background



This preview shows how the CIELCh color 74, 48.659, 62.861 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, 48.659, 62.861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

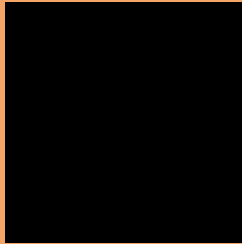
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 48.659, 62.861

Background



This preview shows how black text looks on a background with the CIELCh color 74, 48.659, 62.861.

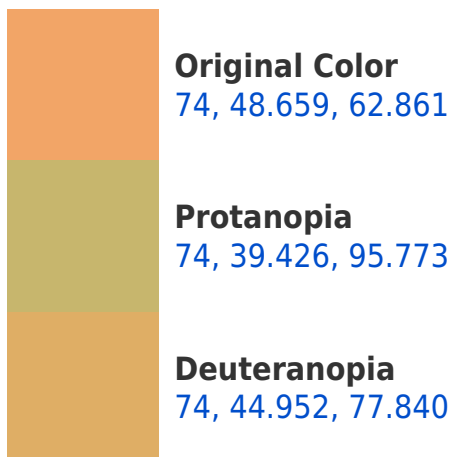


This preview shows how white text looks on a background with the CIELCh color 74, 48.659, 62.861.

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](#).

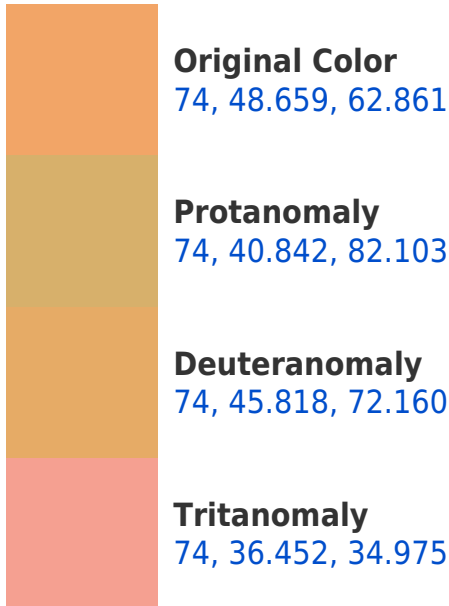
Dichromacy



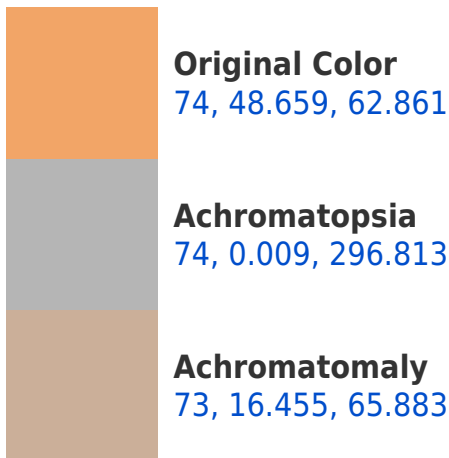


Tritanopia
74, 35.877, 12.714

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 48.659, 62.861 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(242, 165, 103)` looks like.

```
.text, #text, p{  
    color:rgb(242, 165, 103)  
}
```

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(242, 165, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 165, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 48.659, 62.861 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(242, 165, 103) }
```

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

```
.border{ border-color:rgb(242, 165, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 165, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 165, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 165, 103);  
box-shadow:4px 4px 4px 4px rgb(242, 165,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 48.659, 62.861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 165, 103) }
```

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

```
.background{ background-color: rgb(242,  
165, 103) }
```

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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