

Converting Colors

CIELCh(74, 42.460, 55.418)

Have a look what the booklet for
CIELCh(74, 42.460, 55.418) contains.

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Color

CIELCh(74, 42.435, 55.502)

Conversions

Conversions Part 1

Format	Color
Hex	F2A477
RGB	242, 164, 119
RGB Percent	95%, 64%, 47%
CMY	0.0514, 0.3572, 0.5337
CMYK	0.00, 0.32, 0.51, 0.05
HSL	22°, 82%, 71%
HSV	22°, 51%, 95%
XYZ	53.1631, 46.7039, 23.6364
YIQ	182.1920, 60.9330, 2.5410

Conversions

Conversions Part 2

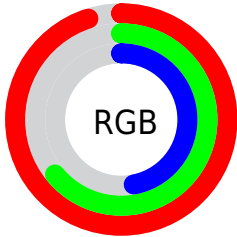
Format	Color
R _Y B	242, 190, 119
Decimal	15901815
CIE Lab	74.00, 24.03, 34.97
CIE LCh	74, 42.435, 55.502
Yxy	46.7039, 0.4305, 0.3782
Android (android.graphics.Color)	4294091895 (0xFFFF2A477)
YUV	182.1920, -31.1537, 52.4516
Hunter-Lab	68.3403, 19.2627, 27.3320

Details

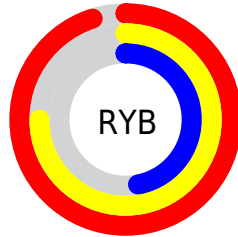
The CIELCh color **74, 42.435, 55.502** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **76, 31.960, 248.088**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 28.386, 77.940**, and **54, 42.375, 55.405** is the 20% darker color. If you saturate the color by 10%, you get **70, 52.472, 54.854**, and if you desaturate by 10%, it is **78, 32.918, 56.217**.

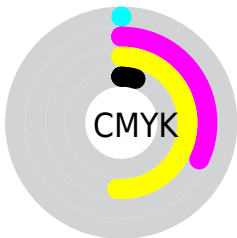
Distribution



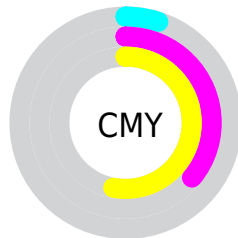
- Red (95%)
- Green (64%)
- Blue (47%)



- Red (95%)
- Yellow (75%)
- Blue (47%)



- Cyan (0%)
- Magenta (32%)
- Yellow (51%)
- Black (5%)



- Cyan (5%)
- Magenta (36%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 42.435, 55.502 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, 42.435, 55.502 by changing the saturation by 10% instead.

 74, 42.435, 55.502

 74, 42.435, 55.502

 100, 42.435,
55.502

 64, 42.435, 55.502

 94, 42.435, 55.502

 54, 42.435, 55.502

 44, 42.435, 55.502

 34, 42.435, 55.502

 24, 42.435, 55.502

 14, 42.435, 55.502

 4, 42.435, 55.502

 0, 42.435, 55.502

 74, 42.435, 55.502

 74, 42.435, 55.502

70, 52.472, 54.854

78, 32.918, 56.217

67, 62.826, 54.209

82, 23.992, 56.994

63, 72.994, 53.424

86, 15.653, 57.823

60, 81.941, 52.160

91, 7.867, 58.674

58, 88.143, 50.352

95, 0.586, 58.735

99, 4.519, 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, 42.435, 55.502



76, 31.960, 248.088

Rectangle

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



74, 42.435, 55.502



74, 42.435, 105.502



74, 42.435, 235.502



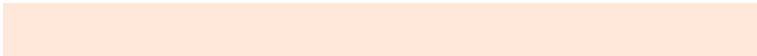
74, 42.435, 285.502

Sweetspot

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



74, 42.434, 55.507



93, 11.524, 58.318



67, 59.903, 340.749



49, 7.920, 58.137



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, 42.434, 55.507



74, 54.964, 54.833



89, 53.436, 97.458



48, 4.073, 58.788



44, 71.241, 51.003



12, 24.090, 47.822

Inverse Universe

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



76, 31.960, 248.088



76, 38.709, 251.142



60, 58.871, 291.614



48, 3.903, 240.773



47, 43.016, 267.337



13, 17.115, 258.853

Previews

White Background



This preview shows how the CIELCh color 74, 42.435, 55.502 looks on a white background.

Color Contrast Check

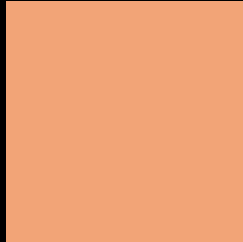
Large Text (above 18pt) WCAG AA × Fail

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, 42.435, 55.502 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

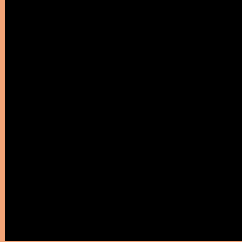
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 42.435, 55.502

Background



This preview shows how black text looks on a background with the CIELCh color 74, 42.435, 55.502.



This preview shows how white text looks on a background with the CIELCh color 74, 42.435, 55.502.

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, 42.435, 55.502

Protanopia

74, 30.608, 95.455

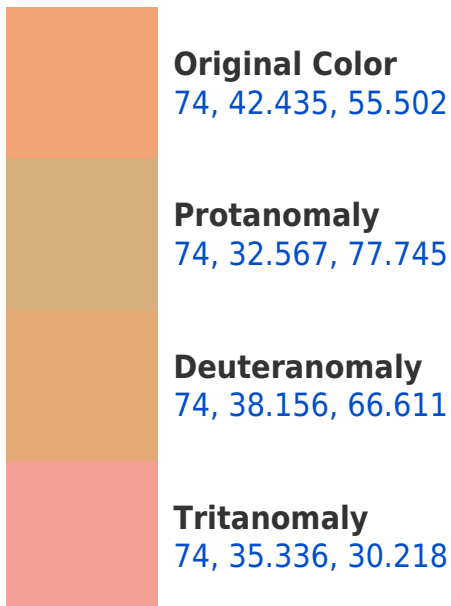
Deuteranopia

74, 36.853, 74.786



Tritanopia
74, 35.485, 12.555

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 42.435, 55.502 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, 164, 119)` looks like.

```
.text, #text, p{  
    color:rgb(242, 164, 119)  
}
```

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, 164, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 164, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 42.435, 55.502 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, 164, 119) }
```

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

```
.border{ border-color:rgb(242, 164, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 164, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 164, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 164, 119);  
box-shadow:4px 4px 4px 4px rgb(242, 164,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 42.435, 55.502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 164, 119) }
```

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

```
.background{ background-color: rgb(242,  
164, 119) }
```

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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