

Converting Colors

CIELCh(74, 47.896, 56.072)

Have a look what the booklet for
CIELCh(74, 47.896, 56.072) contains.

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Color

CIELCh(74, 48.079, 56.242)

Conversions

Conversions Part 1

Format	Color
Hex	F8A26E
RGB	248, 162, 110
RGB Percent	97%, 64%, 43%
CMY	0.0291, 0.3662, 0.5700
CMYK	0.00, 0.35, 0.56, 0.03
HSL	23°, 90%, 70%
HSV	23°, 56%, 97%
XYZ	54.2084, 46.7039, 20.8078
YIQ	181.7860, 67.9480, 2.0600

Conversions

Conversions Part 2

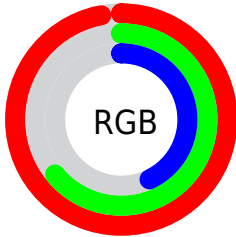
Format	Color
R _Y B	248, 193, 110
Decimal	16294510
CIE Lab	74.00, 26.72, 39.97
CIE LCh	74, 48.079, 56.242
Yxy	46.7039, 0.4454, 0.3837
Android (android.graphics.Color)	4294484590 (0xFFF8A26E)
YUV	181.7860, -35.3905, 58.0697
Hunter-Lab	68.3403, 21.9931, 29.7860

Details

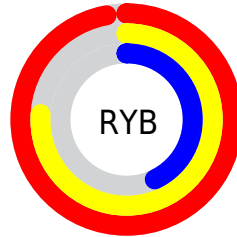
The CIELCh color **74, 48.079, 56.242** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **76, 35.479, 251.055**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 32.536, 79.762**, and **54, 48.026, 56.283** is the 20% darker color. If you saturate the color by 10%, you get **70, 58.434, 55.529**, and if you desaturate by 10%, it is **78, 38.155, 56.994**.

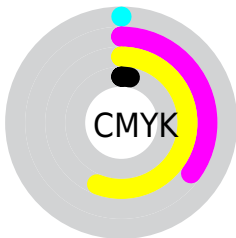
Distribution



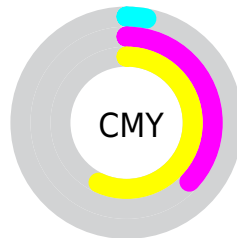
- Red (97%)
- Green (64%)
- Blue (43%)



- Red (97%)
- Yellow (76%)
- Blue (43%)



- Cyan (0%)
- Magenta (35%)
- Yellow (56%)
- Black (3%)



- Cyan (3%)
- Magenta (37%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 48.079, 56.242 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, 48.079, 56.242 by changing the saturation by 10% instead.

 74, 48.079, 56.242

 74, 48.079, 56.242

 100, 48.079,
56.242

 64, 48.079, 56.242

 94, 48.079, 56.242

 54, 48.079, 56.242

 44, 48.079, 56.242

 34, 48.079, 56.242

 24, 48.079, 56.242

 14, 48.079, 56.242

 4, 48.079, 56.242

 0, 48.079, 56.242

 74, 48.079, 56.242

 74, 48.079, 56.242

70, 58.434, 55.529

78, 38.155, 56.994

67, 68.887, 54.753

82, 28.795, 57.799

64, 78.686, 53.688

86, 20.026, 58.657

61, 86.468, 51.883

91, 11.827, 59.550

60, 89.190, 50.965

95, 4.157, 60.408

99, 2.324, 209.820

99, 2.574, 199.499

Harmonies

Complementary

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



74, 48.079, 56.242



76, 35.479, 251.055

Rectangle

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



74, 48.079, 56.242



74, 48.079, 106.242



74, 48.079, 236.242



74, 48.079, 286.242

Sweetspot

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



74, 48.078, 56.246



92, 13.166, 59.432



66, 65.383, 342.189



48, 8.867, 59.251



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, 48.078, 56.246



72, 61.253, 55.428



90, 60.101, 97.898



50, 4.223, 60.102



46, 72.315, 51.600



13, 26.456, 49.751

Inverse Universe

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



76, 35.479, 251.055



74, 42.162, 254.853



58, 67.747, 293.578



50, 4.052, 242.162



48, 44.917, 269.113



14, 18.580, 261.484

Previews

White Background



This preview shows how the CIELCh color 74, 48.079, 56.242 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, 48.079, 56.242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

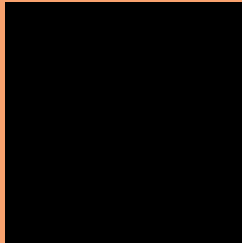
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 48.079, 56.242

Background



This preview shows how black text looks on a background with the CIELCh color 74, 48.079, 56.242.



This preview shows how white text looks on a background with the CIELCh color 74, 48.079, 56.242.

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, 48.079, 56.242

Protanopia

74, 34.794, 95.649

Deuteranopia

74, 41.954, 76.824



Tritanopia
74, 39.142, 13.974

Trichromacy



Original Color
74, 48.079, 56.242

Protanomaly
74, 37.027, 78.613

Deuteranomaly
74, 43.364, 69.099

Tritanomaly
74, 39.144, 31.353

Monochromacy



Original Color
74, 48.079, 56.242

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 16.214, 59.150

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 48.079, 56.242 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(248, 162, 110)` looks like.

```
.text, #text, p{  
    color:rgb(248, 162, 110)  
}
```

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(248, 162, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 162, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 48.079, 56.242 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(248, 162, 110) }
```

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

```
.border{ border-color:rgb(248, 162, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 162, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 162, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 162, 110);  
box-shadow:4px 4px 4px 4px rgb(248, 162,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 48.079, 56.242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 162, 110) }
```

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

```
.background{ background-color: rgb(248,  
162, 110) }
```

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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