

Converting Colors

CIELCh(71, 47.244, 47.890)

Have a look what the booklet for
CIELCh(71, 47.244, 47.890) contains.

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Color

CIELCh(71, 47.057, 47.837)

Conversions

Conversions Part 1

Format	Color
Hex	F49670
RGB	244, 150, 112
RGB Percent	96%, 59%, 44%
CMY	0.0434, 0.4119, 0.5610
CMYK	0.00, 0.39, 0.54, 0.04
HSL	17°, 86%, 70%
HSV	17°, 54%, 96%
XYZ	51.1079, 42.1875, 20.7643
YIQ	173.7740, 68.2220, 8.1100

Conversions

Conversions Part 2

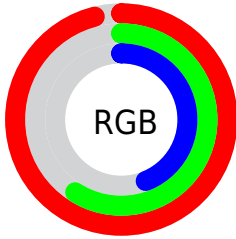
Format	Color
R_{YB}	244, 165, 112
Decimal	16029296
CIE _{Lab}	71.00, 31.59, 34.88
CIE _{LCh}	71, 47.057, 47.837
Yxy	42.1875, 0.4481, 0.3699
Android (android.graphics.Color)	4294219376 (0xFFFF49670)
YUV	173.7740, -30.4546, 61.5882
Hunter-Lab	64.9519, 26.7881, 26.5121

Details

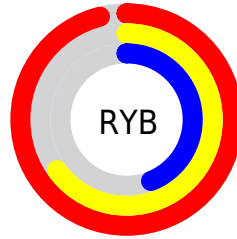
The CIELCh color **71, 47.057, 47.837** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **79, 32.373, 237.235**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 29.742, 65.746**, and **51, 47.191, 47.924** is the 20% darker color. If you saturate the color by 10%, you get **67, 57.784, 47.812**, and if you desaturate by 10%, it is **75, 36.902, 47.999**.

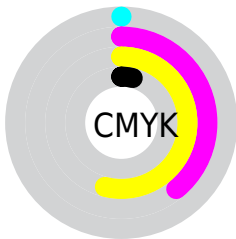
Distribution



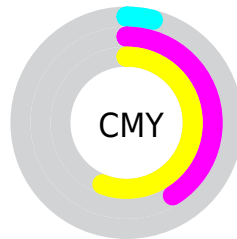
- Red (96%)
- Green (59%)
- Blue (44%)



- Red (96%)
- Yellow (65%)
- Blue (44%)



- Cyan (0%)
- Magenta (39%)
- Yellow (54%)
- Black (4%)



- Cyan (4%)
- Magenta (41%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 47.057, 47.837 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 71, 47.057, 47.837 by changing the saturation by 10% instead.

71, 47.057, 47.837

71, 47.057, 47.837

100, 47.057,
47.837

61, 47.057, 47.837

91, 47.057, 47.837

51, 47.057, 47.837

41, 47.057, 47.837

31, 47.057, 47.837

21, 47.057, 47.837

11, 47.057, 47.837

1, 47.057, 47.837

0, 47.057, 47.837

71, 47.057, 47.837

71, 47.057, 47.837

67, 57.784, 47.812

75, 36.902, 47.999

63, 68.814, 47.848

80, 27.421, 48.290

60, 79.497, 47.747

84, 18.624, 48.694

57, 88.475, 47.032

89, 10.478, 49.177

56, 92.608, 46.305

94, 2.934, 49.610

99, 3.554, 206.136

99, 3.820, 199.337

Harmonies

Complementary

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



71, 47.057, 47.837



79, 32.373, 237.235

Rectangle

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



71, 47.057, 47.837



71, 47.057, 97.837



71, 47.057, 227.837



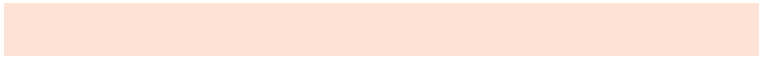
71, 47.057, 277.837

Sweetspot

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



71, 47.055, 47.841



92, 12.413, 49.080



66, 66.433, 337.841



48, 8.448, 48.978



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 47.055, 47.841



69, 60.944, 47.814



87, 54.042, 92.736



49, 4.158, 49.408



43, 75.130, 46.843



11, 26.239, 41.827

Inverse Universe

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



79, 32.373, 237.235



79, 38.214, 240.201



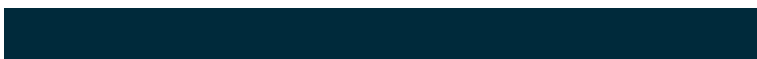
61, 58.243, 288.989



49, 3.945, 230.820



52, 37.955, 253.858



15, 16.057, 246.245

Previews

White Background



This preview shows how the CIELCh color 71, 47.057, 47.837 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 71, 47.057, 47.837 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 71, 47.057, 47.837

Background



This preview shows how black text looks on a background with the CIELCh color 71, 47.057, 47.837.



This preview shows how white text looks on a background with the CIELCh color 71, 47.057, 47.837.

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
71, 41.590, 15.670

Trichromacy



Original Color
71, 47.057, 47.837

Protanomaly
71, 31.875, 72.247

Deuteranomaly
71, 39.101, 63.702

Tritanomaly
71, 41.995, 28.476

Monochromacy



Original Color
71, 47.057, 47.837

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 15.761, 49.127

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 47.057, 47.837 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(244, 150, 112)` looks like.

```
.text, #text, p{  
    color:rgb(244, 150, 112)  
}
```

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(244, 150, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 150, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 47.057, 47.837 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(244, 150, 112) }
```

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

```
.border{ border-color:rgb(244, 150, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 150, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 150, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 150, 112);  
box-shadow:4px 4px 4px 4px rgb(244, 150,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 47.057, 47.837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 150, 112) }
```

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

```
.background{ background-color: rgb(244,  
150, 112) }
```

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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