

Converting Colors

CIELCh(71, 45.612, 49.927)

Have a look what the booklet for
CIELCh(71, 45.612, 49.927) contains.

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Color

CIELCh(71, 45.612, 49.927)

Conversions

Conversions Part 1

Format	Color
Hex	F19870
RGB	241, 152, 112
RGB Percent	95%, 60%, 44%
CMY	0.0560, 0.4049, 0.5617
CMYK	0.00, 0.37, 0.54, 0.06
HSL	19°, 82%, 69%
HSV	19°, 54%, 94%
XYZ	50.2740, 42.1875, 20.7519
YIQ	174.0510, 65.8840, 6.4280

Conversions

Conversions Part 2

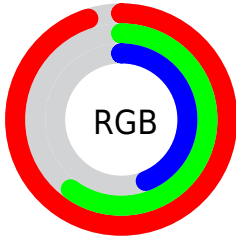
Format	Color
R _Y B	241, 170, 112
Decimal	15833200
CIE Lab	71.00, 29.36, 34.90
CIE LCh	71, 45.612, 49.927
Yxy	42.1875, 0.4441, 0.3726
Android (android.graphics.Color)	4294023280 (0xFFFF19870)
YUV	174.0510, -30.5911, 58.7143
Hunter-Lab	64.9519, 24.4966, 26.5234

Details

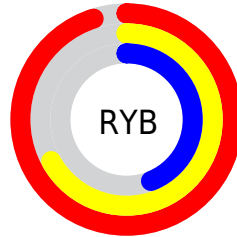
The CIELCh color **71, 45.612, 49.927** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **77, 32.075, 240.520**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 29.933, 68.071**, and **51, 45.612, 49.999** is the 20% darker color. If you saturate the color by 10%, you get **67, 56.061, 49.711**, and if you desaturate by 10%, it is **75, 35.718, 50.257**.

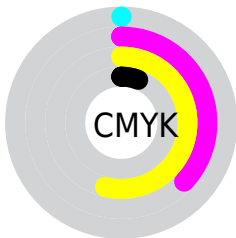
Distribution



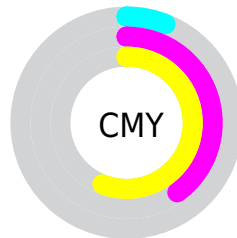
- Red (95%)
- Green (60%)
- Blue (44%)



- Red (95%)
- Yellow (67%)
- Blue (44%)



- Cyan (0%)
- Magenta (37%)
- Yellow (54%)
- Black (6%)



- Cyan (6%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 45.612, 49.927 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, 45.612, 49.927 by changing the saturation by 10% instead.

71, 45.612, 49.927

71, 45.612, 49.927

100, 45.612,
49.927

61, 45.612, 49.927

91, 45.612, 49.927

51, 45.612, 49.927

41, 45.612, 49.927

31, 45.612, 49.927

21, 45.612, 49.927

11, 45.612, 49.927

1, 45.612, 49.927

0, 45.612, 49.927

71, 45.612, 49.927

71, 45.612, 49.927

67, 56.061, 49.711

75, 35.718, 50.257

63, 66.813, 49.535

80, 26.472, 50.694

60, 77.256, 49.211

84, 17.880, 51.228

57, 86.123, 48.300

89, 9.909, 51.825

56, 90.574, 47.362

93, 2.510, 52.335

98, 4.086, 226.220

99, 4.922, 199.228

Harmonies

Complementary

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



71, 45.612, 49.927



77, 32.075, 240.520

Rectangle

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



71, 45.612, 49.927



71, 45.612, 99.927



71, 45.612, 229.927



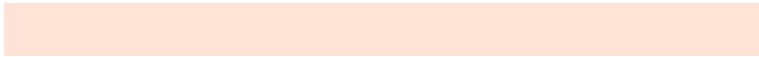
71, 45.612, 279.927

Sweetspot

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



71, 45.611, 49.931



92, 12.358, 51.674



65, 64.471, 338.572



48, 8.409, 51.549



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, 45.611, 49.931



71, 59.263, 49.700



86, 53.663, 93.943



48, 4.072, 52.072



43, 73.461, 47.938



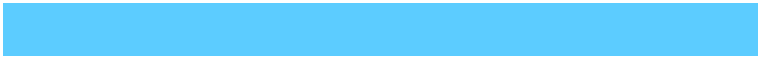
11, 24.701, 42.966

Inverse Universe

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



77, 32.075, 240.520



78, 38.323, 243.504



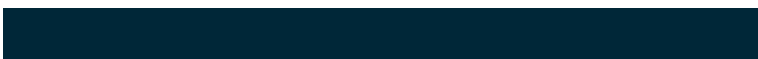
60, 58.252, 289.747



48, 3.873, 233.662



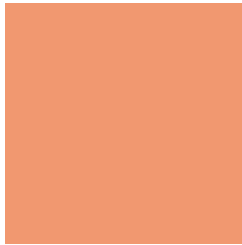
50, 38.884, 257.959



14, 15.926, 249.704

Previews

White Background



This preview shows how the CIELCh color 71, 45.612, 49.927 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, 45.612, 49.927 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, 45.612, 49.927

Background



This preview shows how black text looks on a background with the CIELCh color 71, 45.612, 49.927.



This preview shows how white text looks on a background with the CIELCh color 71, 45.612, 49.927.

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](#).

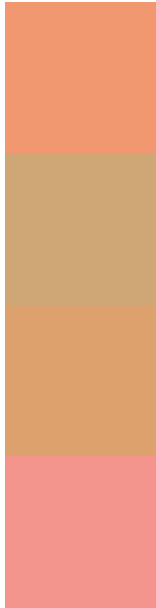
Dichromacy





Tritanopia
71, 39.507, 14.968

Trichromacy



Original Color
71, 45.612, 49.927

Protanomaly
71, 31.771, 73.971

Deuteranomaly
71, 38.824, 65.046

Tritanomaly
71, 39.794, 28.509

Monochromacy



Original Color
71, 45.612, 49.927

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 15.335, 52.258

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 45.612, 49.927 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(241, 152, 112)` looks like.

```
.text, #text, p{  
    color:rgb(241, 152, 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(241, 152, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 152, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 45.612, 49.927 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(241, 152, 112) }
```

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

```
.border{ border-color:rgb(241, 152, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 152, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 152, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 152, 112);  
box-shadow:4px 4px 4px 4px rgb(241, 152,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 45.612, 49.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 152, 112) }
```

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

```
.background{ background-color: rgb(241,  
152, 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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