

Converting Colors

CIELCh(71, 45.163, 48.364)

Have a look what the booklet for
CIELCh(71, 45.163, 48.364) contains.

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Color

CIELCh(71, 45.073, 48.176)

Conversions

Conversions Part 1

Format	Color
Hex	F19772
RGB	241, 151, 114
RGB Percent	95%, 59%, 45%
CMY	0.0538, 0.4068, 0.5520
CMYK	0.00, 0.37, 0.53, 0.05
HSL	17°, 82%, 70%
HSV	17°, 53%, 95%
XYZ	50.5331, 42.1875, 21.4714
YIQ	173.6920, 65.5170, 7.5730

Conversions

Conversions Part 2

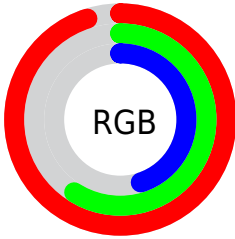
Format	Color
R_{YB}	241, 166, 114
Decimal	15832946
CIE _{Lab}	71.00, 30.06, 33.59
CIE _{LCh}	71, 45.073, 48.176
Yxy	42.1875, 0.4425, 0.3694
Android (android.graphics.Color)	4294023026 (0xFF19772)
YUV	173.6920, -29.4282, 59.0291
Hunter-Lab	64.9519, 25.2086, 25.8666

Details

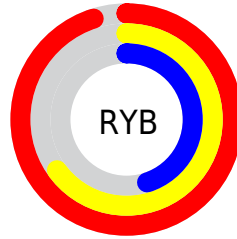
The CIELCh color **71, 45.073, 48.176** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **78, 31.469, 237.422**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 29.014, 65.717**, and **51, 45.045, 48.251** is the 20% darker color. If you saturate the color by 10%, you get **67, 55.611, 48.105**, and if you desaturate by 10%, it is **75, 35.121, 48.383**.

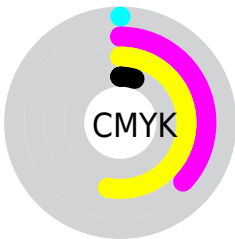
Distribution



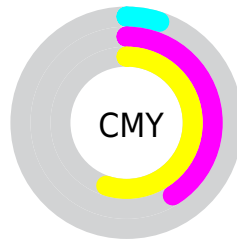
- Red (95%)
- Green (59%)
- Blue (45%)



- Red (95%)
- Yellow (65%)
- Blue (45%)



- Cyan (0%)
- Magenta (37%)
- Yellow (53%)
- Black (5%)



- Cyan (5%)
- Magenta (41%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 45.073, 48.176 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, 45.073, 48.176 by changing the saturation by 10% instead.

71, 45.073, 48.176

71, 45.073, 48.176

100, 45.073,
48.176

61, 45.073, 48.176

91, 45.073, 48.176

51, 45.073, 48.176

41, 45.073, 48.176

31, 45.073, 48.176

21, 45.073, 48.176

11, 45.073, 48.176

1, 45.073, 48.176

0, 45.073, 48.176

71, 45.073, 48.176

71, 45.073, 48.176

67, 55.611, 48.105

75, 35.121, 48.383

63, 66.505, 48.106

80, 25.840, 48.714

60, 77.184, 48.010

84, 17.230, 49.151

57, 86.431, 47.391

89, 9.256, 49.659

55, 91.658, 46.479

94, 1.866, 50.011

99, 4.358, 207.014

99, 4.725, 199.246

Harmonies

Complementary

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



71, 45.073, 48.176



78, 31.469, 237.422

Rectangle

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



71, 45.073, 48.176



71, 45.073, 98.176



71, 45.073, 228.176



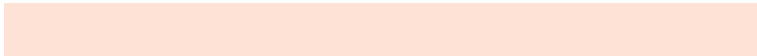
71, 45.073, 278.176

Sweetspot

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



71, 45.071, 48.180



92, 12.403, 49.483



66, 64.332, 337.700



48, 8.441, 49.377



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, 45.071, 48.180



70, 58.588, 48.104



86, 52.189, 92.928



48, 4.084, 49.822



42, 74.201, 47.035



11, 24.937, 41.456

Inverse Universe

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



78, 31.469, 237.422



79, 37.484, 240.170



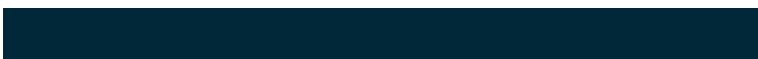
61, 56.038, 288.609



48, 3.877, 231.261



51, 37.747, 254.466



14, 15.619, 246.411

Previews

White Background



This preview shows how the CIELCh color 71, 45.073, 48.176 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, 45.073, 48.176 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, 45.073, 48.176

Background



This preview shows how black text looks on a background with the CIELCh color 71, 45.073, 48.176.



This preview shows how white text looks on a background with the CIELCh color 71, 45.073, 48.176.

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, 39.532, 15.744

Trichromacy



Original Color
71, 45.073, 48.176

Protanomaly
71, 30.848, 73.059

Deuteranomaly
71, 37.982, 64.144

Tritanomaly
71, 39.794, 28.509

Monochromacy



Original Color
71, 45.073, 48.176

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 15.021, 50.605

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 45.073, 48.176 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, 151, 114)` looks like.

```
.text, #text, p{  
    color:rgb(241, 151, 114)  
}
```

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, 151, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 151, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 45.073, 48.176 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, 151, 114) }
```

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

```
.border{ border-color:rgb(241, 151, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 151, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 151, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 151, 114);  
box-shadow:4px 4px 4px 4px rgb(241, 151,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 45.073, 48.176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 151, 114) }
```

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

```
.background{ background-color: rgb(241,  
151, 114) }
```

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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