

Converting Colors

CIELCh(75, 47.331, 51.908)

Have a look what the booklet for
CIELCh(75, 47.331, 51.908) contains.

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Color

CIELCh(75, 46.953, 52.153)

Conversions

Conversions Part 1

Format	Color
Hex	FDA376
RGB	253, 163, 118
RGB Percent	99%, 64%, 46%
CMY	0.0086, 0.3615, 0.5379
CMYK	0.00, 0.36, 0.53, 0.01
HSL	20°, 97%, 73%
HSV	20°, 53%, 99%
XYZ	56.7582, 48.2781, 23.4131
YIQ	184.7800, 68.0850, 5.0850

Conversions

Conversions Part 2

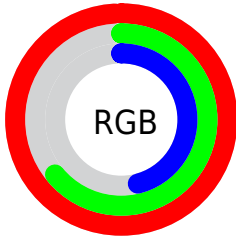
Format	Color
R _Y B	253, 186, 118
Decimal	16622454
CIE Lab	75.00, 28.81, 37.08
CIE LCh	75, 46.953, 52.153
Yxy	48.2781, 0.4419, 0.3759
Android (android.graphics.Color)	4294812534 (0xFFFDA376)
YUV	184.7800, -32.9225, 59.8289
Hunter-Lab	69.4824, 24.2171, 28.6591

Details

The CIELCh color **75, 46.953, 52.153** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **80, 33.696, 244.032**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 28.627, 77.238**, and **55, 46.847, 52.233** is the 20% darker color. If you saturate the color by 10%, you get **71, 57.677, 51.752**, and if you desaturate by 10%, it is **79, 36.781, 52.644**.

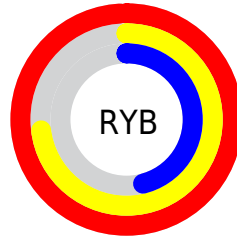
Distribution



Red (99%)

Green (64%)

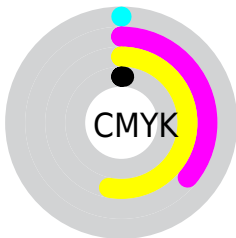
Blue (46%)



Red (99%)

Yellow (73%)

Blue (46%)

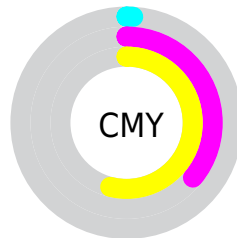


Cyan (0%)

Magenta (36%)

Yellow (53%)

Black (1%)



Cyan (1%)

Magenta (36%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 46.953, 52.153 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 75, 46.953, 52.153 by changing the saturation by 10% instead.

75, 46.953, 52.153

75, 46.953, 52.153

100, 46.953,
52.153

65, 46.953, 52.153

95, 46.953, 52.153

55, 46.953, 52.153

45, 46.953, 52.153

35, 46.953, 52.153

25, 46.953, 52.153

15, 46.953, 52.153

5, 46.953, 52.153

0, 46.953, 52.153

75, 46.953, 52.153

75, 46.953, 52.153

71, 57.677, 51.752

79, 36.781, 52.644

67, 68.686, 51.363

84, 27.258, 53.224

64, 79.339, 50.799

88, 18.390, 53.883

61, 88.336, 49.629

93, 10.147, 54.594

59, 92.893, 48.449

98, 2.475, 55.199

100, 0.767,
200.221

Harmonies

Complementary

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



75, 46.953, 52.153



80, 33.696, 244.032

Rectangle

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



75, 46.953, 52.153



75, 46.953, 102.153



75, 46.953, 232.153



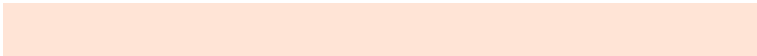
75, 46.953, 282.153

Sweetspot

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



75, 46.952, 52.157



92, 12.328, 54.406



68, 65.458, 340.200



48, 8.387, 54.258



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 46.952, 52.157



71, 58.763, 51.728



91, 57.177, 96.115



51, 4.278, 54.869



45, 74.849, 49.045



13, 28.137, 46.442

Inverse Universe

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



80, 33.696, 244.032



77, 39.001, 247.189



61, 63.054, 291.446



51, 4.080, 236.644



51, 41.798, 262.217



16, 17.976, 254.991

Previews

White Background



This preview shows how the CIELCh color 75, 46.953, 52.153 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 75, 46.953, 52.153 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 75, 46.953, 52.153

Background



This preview shows how black text looks on a background with the CIELCh color 75, 46.953, 52.153.



This preview shows how white text looks on a background with the CIELCh color 75, 46.953, 52.153.

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

75, 46.953, 52.153

Protanopia

75, 31.547, 95.770

Deuteranopia

75, 39.270, 75.983



Tritanopia
75, 39.026, 14.676

Trichromacy



Original Color
75, 46.953, 52.153

Protanomaly
75, 33.896, 75.695

Deuteranomaly
75, 40.973, 66.525

Tritanomaly
75, 39.522, 29.766

Monochromacy



Original Color
75, 46.953, 52.153

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 15.777, 53.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 46.953, 52.153 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(253, 163, 118)` looks like.

```
.text, #text, p{  
    color:rgb(253, 163, 118)  
}
```

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(253, 163, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 163, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 46.953, 52.153 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(253, 163, 118) }
```

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

```
.border{ border-color:rgb(253, 163, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 163, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 163, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 163, 118);  
box-shadow:4px 4px 4px 4px rgb(253, 163,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 46.953, 52.153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 163, 118) }
```

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

```
.background{ background-color: rgb(253,  
163, 118) }
```

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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