

Converting Colors

CIELCh(75, 48.270, 53.702)

Have a look what the booklet for
CIELCh(75, 48.270, 53.702) contains.

CIELCh(75, 48.375, 53.926)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(75, 48.375, 53.926)

Conversions

Conversions Part 1

Format	Color
Hex	FDA372
RGB	253, 163, 114
RGB Percent	99%, 64%, 45%
CMY	0.0079, 0.3608, 0.5530
CMYK	0.00, 0.36, 0.55, 0.01
HSL	21°, 97%, 72%
HSV	21°, 55%, 99%
XYZ	56.6274, 48.2781, 22.2471
YIQ	184.3240, 69.3690, 3.8410

Conversions

Conversions Part 2

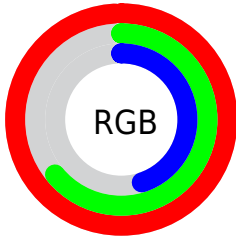
Format	Color
R _Y B	253, 190, 114
Decimal	16622450
CIE Lab	75.00, 28.48, 39.10
CIE LCh	75, 48.375, 53.926
Yxy	48.2781, 0.4453, 0.3797
Android (android.graphics.Color)	4294812530 (0xFFFDA372)
YUV	184.3240, -34.6697, 60.2289
Hunter-Lab	69.4824, 23.8811, 29.6540

Details

The CIELCh color **75, 48.375, 53.926** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **78, 34.966, 247.312**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 30.456, 78.931**, and **55, 48.353, 53.978** is the 20% darker color. If you saturate the color by 10%, you get **71, 59.048, 53.387**, and if you desaturate by 10%, it is **79, 38.198, 54.531**.

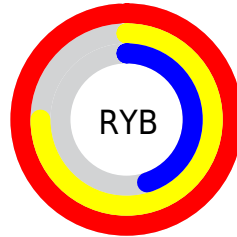
Distribution



Red (99%)

Green (64%)

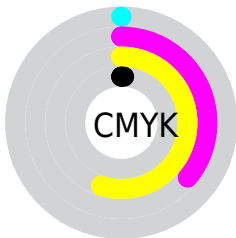
Blue (45%)



Red (99%)

Yellow (75%)

Blue (45%)

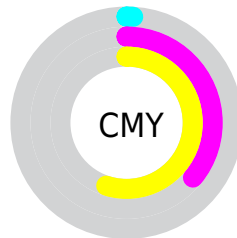


Cyan (0%)

Magenta (36%)

Yellow (55%)

Black (1%)



Cyan (1%)

Magenta (36%)

Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 48.375, 53.926 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, 48.375, 53.926 by changing the saturation by 10% instead.

 75, 48.375, 53.926

 75, 48.375, 53.926

 100, 48.375,
53.926

 65, 48.375, 53.926

 95, 48.375, 53.926

 55, 48.375, 53.926

 45, 48.375, 53.926

 35, 48.375, 53.926

 25, 48.375, 53.926

 15, 48.375, 53.926

 5, 48.375, 53.926

 0, 48.375, 53.926

 75, 48.375, 53.926

 75, 48.375, 53.926

71, 59.048, 53.387

79, 38.198, 54.531

67, 69.905, 52.819

83, 28.638, 55.208

64, 80.219, 52.007

88, 19.712, 55.955

61, 88.604, 50.493

92, 11.395, 56.748

60, 91.952, 49.493

97, 3.638, 57.496

100, 0.704,
200.301

Harmonies

Complementary

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



75, 48.375, 53.926



78, 34.966, 247.312

Rectangle

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



75, 48.375, 53.926



75, 48.375, 103.926



75, 48.375, 233.926



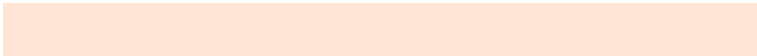
75, 48.375, 283.926

Sweetspot

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



75, 48.374, 53.930



93, 12.325, 56.662



67, 66.425, 341.227



48, 8.383, 56.497



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, 48.374, 53.930



71, 60.590, 53.329



92, 59.564, 96.969



51, 4.281, 57.178



46, 74.059, 50.112



14, 27.919, 48.031

Inverse Universe

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



78, 34.966, 247.312



75, 40.606, 250.839



60, 66.504, 292.634



51, 4.093, 239.088



50, 43.308, 265.394



15, 18.469, 258.126

Previews

White Background



This preview shows how the CIELCh color 75, 48.375, 53.926 looks on a white background.

Color Contrast Check

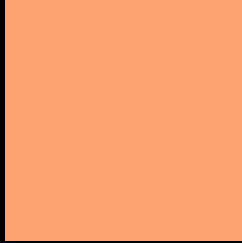
Large Text (above 18pt) WCAG AA × Fail

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, 48.375, 53.926 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, 48.375, 53.926

Background



This preview shows how black text looks on a background with the CIELCh color 75, 48.375, 53.926.

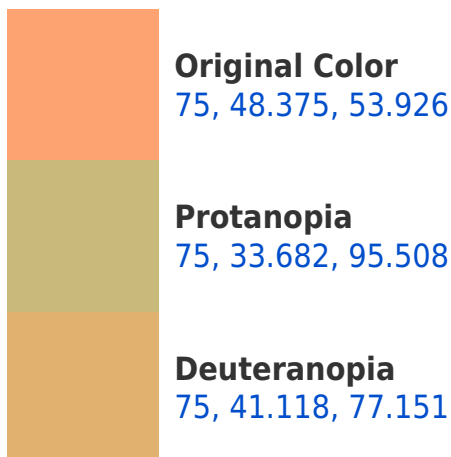


This preview shows how white text looks on a background with the CIELCh color 75, 48.375, 53.926.

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
75, 39.026, 14.676

Trichromacy



Original Color
75, 48.375, 53.926

Protanomaly
75, 35.995, 76.554

Deuteranomaly
75, 42.982, 67.605

Tritanomaly
75, 39.864, 31.211

Monochromacy



Original Color
75, 48.375, 53.926

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 16.127, 54.619

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 48.375, 53.926 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, 114)` looks like.

```
.text, #text, p{  
    color:rgb(253, 163, 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(253, 163, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 163, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 48.375, 53.926 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, 114) }
```

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

```
.border{ border-color:rgb(253, 163, 114) }
```

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, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 163, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 163, 114);  
box-shadow:4px 4px 4px 4px rgb(253, 163,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 48.375, 53.926 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, 114) }
```

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

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