

Converting Colors

CIELCh(73, 54.347, 52.044)

Have a look what the booklet for
CIELCh(73, 54.347, 52.044) contains.

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Color

CIELCh(73, 54.379, 51.876)

Conversions

Conversions Part 1

Format	Color
Hex	FF9966
RGB	255, 153, 102
RGB Percent	100%, 60%, 40%
CMY	0.0000, 0.3988, 0.5989
CMYK	0.00, 0.40, 0.60, 0.00
HSL	20°, 100%, 70%
HSV	20°, 60%, 100%
XYZ	55.2125, 45.1644, 18.4482
YIQ	177.6840, 77.1630, 5.7630

Conversions

Conversions Part 2

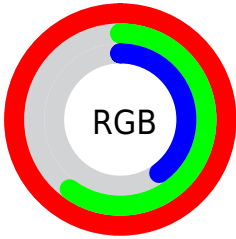
Format	Color
R _Y B	255, 179, 102
Decimal	16750950
CIE Lab	73.00, 33.57, 42.78
CIE LCh	73, 54.379, 51.876
Yxy	45.1644, 0.4647, 0.3801
Android (android.graphics.Color)	4294941030 (0xFFFF9966)
YUV	177.6840, -37.3122, 67.8061
Hunter-Lab	67.2044, 29.0408, 30.7675

Details

The CIELCh color **73, 54.379, 51.876** is a light color, and the websafe version is hex **FF9966**, and the color name is **pink-orange**. A complement of this color would be **78, 37.135, 245.993**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 34.393, 73.902**, and **53, 54.472, 52.018** is the 20% darker color. If you saturate the color by 10%, you get **69, 65.281, 51.561**, and if you desaturate by 10%, it is **77, 43.628, 52.383**.

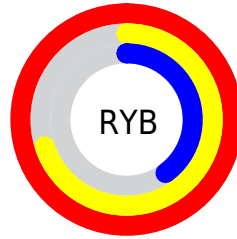
Distribution



Red (100%)

Green (60%)

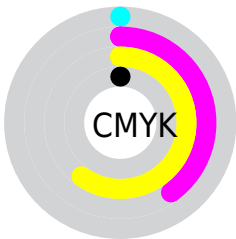
Blue (40%)



Red (100%)

Yellow (70%)

Blue (40%)

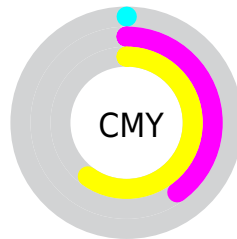


Cyan (0%)

Magenta (40%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 54.379, 51.876 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 73, 54.379, 51.876 by changing the saturation by 10% instead.

73, 54.379, 51.876

73, 54.379, 51.876

100, 54.379,
51.876

63, 54.379, 51.876

93, 54.379, 51.876

53, 54.379, 51.876

43, 54.379, 51.876

33, 54.379, 51.876

23, 54.379, 51.876

13, 54.379, 51.876

3, 54.379, 51.876

0, 54.379, 51.876

73, 54.379, 51.876

73, 54.379, 51.876

69, 65.281, 51.561

77, 43.628, 52.383

66, 76.236, 51.085

81, 33.610, 52.908

62, 86.062, 50.183

86, 24.254, 53.522

60, 93.413, 48.484

91, 15.549, 54.207

60, 93.487, 48.469

95, 7.455, 54.924

100, 0.012,
296.813

Harmonies

Complementary

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



73, 54.379, 51.876



78, 37.135, 245.993

Rectangle

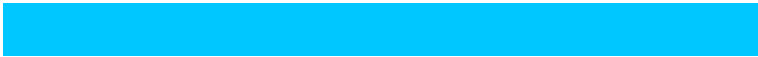
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 54.379, 51.876



73, 54.379, 101.876



73, 54.379, 231.876



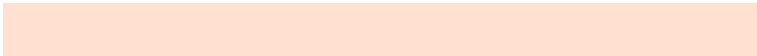
73, 54.379, 281.876

Sweetspot

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



73, 54.250, 51.949



91, 13.971, 54.342



66, 72.473, 340.943



47, 9.813, 54.135



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 54.250, 51.949



68, 67.620, 51.476



91, 63.977, 95.336



51, 4.278, 54.951



45, 74.821, 49.082



13, 28.129, 46.498

Inverse Universe

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



78, 37.135, 245.993



74, 42.435, 250.153



57, 72.098, 293.118



51, 4.080, 236.731



51, 41.849, 262.334



16, 17.993, 255.105

Previews

White Background



This preview shows how the CIELCh color 73, 54.379, 51.876 looks on a white background.

Color Contrast Check

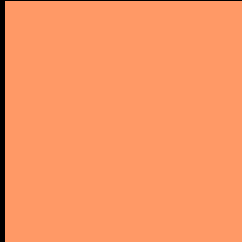
Large Text (above 18pt) WCAG AA × Fail

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 73, 54.379, 51.876 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 73, 54.379, 51.876

Background



This preview shows how black text looks on a background with the CIELCh color 73, 54.379, 51.876.



This preview shows how white text looks on a background with the CIELCh color 73, 54.379, 51.876.

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

73, 54.379, 51.876

Protanopia

73, 36.888, 95.965

Deuteranopia

73, 44.403, 77.985



Tritanopia
73, 42.586, 16.604

Trichromacy



Original Color
73, 54.379, 51.876

Protanomaly
73, 39.589, 75.774

Deuteranomaly
73, 46.728, 67.482

Tritanomaly
73, 44.434, 32.239

Monochromacy



Original Color
73, 54.379, 51.876

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 18.328, 54.310

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 54.379, 51.876 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(255, 153, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 102)  
}
```

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(255, 153, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 102) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 54.379, 51.876 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(255, 153, 102) }
```

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

```
.border{ border-color:rgb(255, 153, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
102) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 54.379, 51.876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 102) }
```

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

```
.background{ background-color: rgb(255,  
153, 102) }
```

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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