

Converting Colors

CIELCh(75, 52.408, 57.605)

Have a look what the booklet for
CIELCh(75, 52.408, 57.605) contains.

CIELCh(75, 52.451, 57.569)	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, 52.451, 57.569)

Conversions

Conversions Part 1

Format	Color
Hex	FEA368
RGB	254, 163, 104
RGB Percent	100%, 64%, 41%
CMY	0.0038, 0.3607, 0.5921
CMYK	0.00, 0.36, 0.59, 0.00
HSL	24°, 99%, 70%
HSV	24°, 59%, 100%
XYZ	56.4837, 48.2781, 19.4440
YIQ	183.4830, 73.1750, 0.9430

Conversions

Conversions Part 2

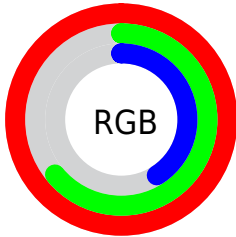
Format	Color
RYB	254, 201, 104
Decimal	16687976
CIELab	75.00, 28.13, 44.27
CIElCh	75, 52.451, 57.569
Yxy	48.2781, 0.4548, 0.3887
Android (android.graphics.Color)	4294878056 (0xFFFEA368)
YUV	183.4830, -39.1851, 61.8434
Hunter-Lab	69.4824, 23.5121, 32.0460

Details

The CIELCh color **75, 52.451, 57.569** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **76, 38.640, 254.453**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 35.582, 82.571**, and **55, 52.186, 57.720** is the 20% darker color. If you saturate the color by 10%, you get **71, 62.992, 56.733**, and if you desaturate by 10%, it is **79, 42.230, 58.407**.

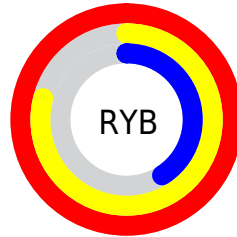
Distribution



Red (100%)

Green (64%)

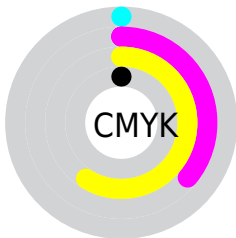
Blue (41%)



Red (100%)

Yellow (79%)

Blue (41%)

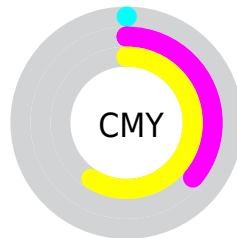


Cyan (0%)

Magenta (36%)

Yellow (59%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 52.451, 57.569 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, 52.451, 57.569 by changing the saturation by 10% instead.

75, 52.451, 57.569

75, 52.451, 57.569

100, 52.451,
57.569

65, 52.451, 57.569

95, 52.451, 57.569

55, 52.451, 57.569

45, 52.451, 57.569

35, 52.451, 57.569

25, 52.451, 57.569

15, 52.451, 57.569

5, 52.451, 57.569

0, 52.451, 57.569

75, 52.451, 57.569

75, 52.451, 57.569

71, 62.992, 56.733

79, 42.230, 58.407

68, 73.390, 55.760

83, 32.527, 59.281

65, 82.671, 54.358

87, 23.400, 60.200

62, 89.545, 52.144

91, 14.846, 61.153

62, 90.150, 51.942

96, 6.827, 62.104

100, 0.338,
201.344

Harmonies

Complementary

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



75, 52.451, 57.569



76, 38.640, 254.453

Rectangle

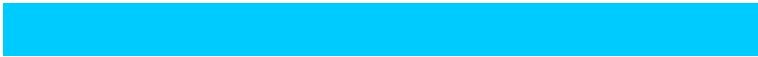
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75, 52.451, 57.569



75, 52.451, 107.569



75, 52.451, 237.569



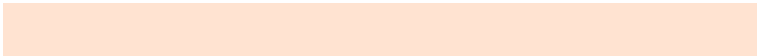
75, 52.451, 287.569

Sweetspot

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



75, 52.450, 57.573



92, 14.023, 61.254



66, 69.321, 343.543



48, 9.838, 60.974



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, 52.450, 57.573



71, 65.257, 56.559



93, 65.527, 98.512



51, 4.309, 62.062



47, 72.406, 52.608



14, 27.518, 51.600

Inverse Universe

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



76, 38.640, 254.453



71, 45.038, 258.780



56, 75.330, 295.161



51, 4.144, 244.220



47, 46.916, 271.553



14, 19.682, 264.340

Previews

White Background



This preview shows how the CIELCh color 75, 52.451, 57.569 looks on a white background.

Color Contrast Check

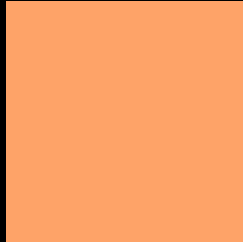
Large Text (above 18pt) WCAG AA × Fail

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, 52.451, 57.569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

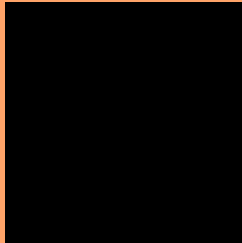
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 52.451, 57.569

Background



This preview shows how black text looks on a background with the CIELCh color 75, 52.451, 57.569.



This preview shows how white text looks on a background with the CIELCh color 75, 52.451, 57.569.

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, 52.451, 57.569

Protanopia

75, 39.327, 95.849

Deuteranopia

75, 46.004, 77.893

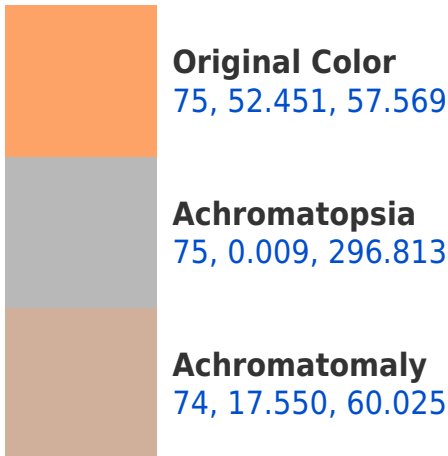


Tritanopia
75, 39.026, 14.676

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 52.451, 57.569 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(254, 163, 104)` looks like.

```
.text, #text, p{  
    color:rgb(254, 163, 104)  
}
```

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(254, 163, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 163, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 52.451, 57.569 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(254, 163, 104) }
```

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

```
.border{ border-color:rgb(254, 163, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 163, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 163, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 163, 104);  
box-shadow:4px 4px 4px 4px rgb(254, 163,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 52.451, 57.569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 163, 104) }
```

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

```
.background{ background-color: rgb(254,  
163, 104) }
```

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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