

Converting Colors

CIELCh(73, 52.541, 53.831)

Have a look what the booklet for
CIELCh(73, 52.541, 53.831) contains.

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Color

CIELCh(73, 52.673, 53.366)

Conversions

Conversions Part 1

Format	Color
Hex	FC9B67
RGB	252, 155, 103
RGB Percent	99%, 61%, 40%
CMY	0.0114, 0.3918, 0.5958
CMYK	0.00, 0.38, 0.59, 0.01
HSL	21°, 96%, 70%
HSV	21°, 59%, 99%
XYZ	54.3666, 45.1644, 18.7047
YIQ	178.0750, 74.5040, 4.3920

Conversions

Conversions Part 2

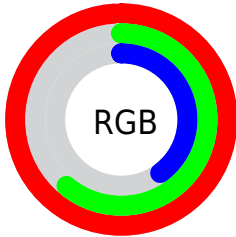
Format	Color
RYB	252, 183, 103
Decimal	16554855
CIELab	73.00, 31.43, 42.27
CIELCh	73, 52.673, 53.366
Yxy	45.1644, 0.4598, 0.3820
Android (android.graphics.Color)	4294744935 (0xFFFC9B67)
YUV	178.0750, -37.0120, 64.8322
Hunter-Lab	67.2044, 26.7939, 30.5412

Details

The CIELCh color **73, 52.673, 53.366** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **77, 36.856, 248.016**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 34.292, 75.457**, and **53, 52.626, 53.515** is the 20% darker color. If you saturate the color by 10%, you get **69, 63.472, 52.860**, and if you desaturate by 10%, it is **77, 42.276, 53.917**.

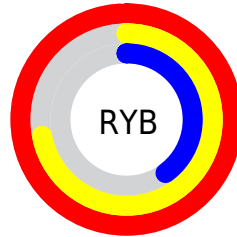
Distribution



Red (99%)

Green (61%)

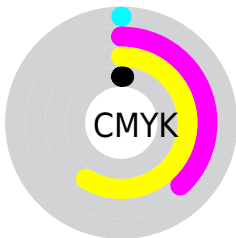
Blue (40%)



Red (99%)

Yellow (72%)

Blue (40%)

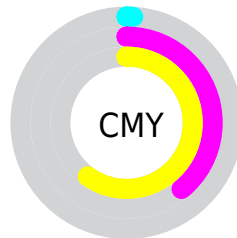


Cyan (0%)

Magenta (38%)

Yellow (59%)

Black (1%)



Cyan (1%)

Magenta (39%)

Yellow (60%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 52.673, 53.366 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, 52.673, 53.366 by changing the saturation by 10% instead.

 73, 52.673, 53.366

 73, 52.673, 53.366

 100, 52.673,
53.366

 63, 52.673, 53.366

 93, 52.673, 53.366

 53, 52.673, 53.366

 43, 52.673, 53.366

 33, 52.673, 53.366

 23, 52.673, 53.366

 13, 52.673, 53.366

 3, 52.673, 53.366

 0, 52.673, 53.366

 73, 52.673, 53.366

 73, 52.673, 53.366

69, 63.472, 52.860

77, 42.276, 53.917

66, 74.228, 52.262

81, 32.467, 54.541

63, 83.960, 51.264

86, 23.294, 55.242

60, 91.281, 49.450

90, 14.747, 56.003

60, 91.886, 49.302

95, 6.785, 56.783

99, 0.647, 238.604

100, 1.010,
199.998

Harmonies

Complementary

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



73, 52.673, 53.366



77, 36.856, 248.016

Rectangle

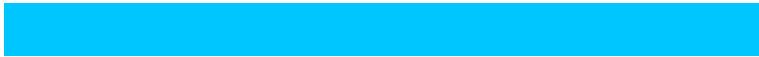
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 52.673, 53.366



73, 52.673, 103.366



73, 52.673, 233.366



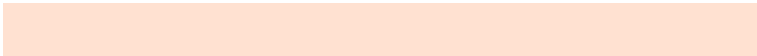
73, 52.673, 283.366

Sweetspot

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



73, 52.671, 53.370



92, 13.965, 56.089



66, 71.070, 340.846



48, 9.806, 55.862



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, 52.671, 53.370



69, 66.147, 52.758



90, 62.647, 95.434



50, 4.209, 56.754



45, 73.441, 49.945



13, 26.738, 47.309

Inverse Universe

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



77, 36.856, 248.016



74, 42.688, 252.138



57, 70.392, 292.902



50, 4.023, 238.637



49, 42.566, 264.770



15, 17.824, 257.137

Previews

White Background



This preview shows how the CIELCh color 73, 52.673, 53.366 looks on a white background.

Color Contrast Check

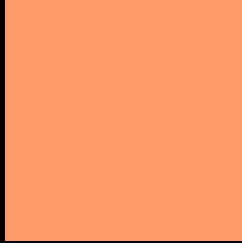
Large Text (above 18pt) WCAG AA × Fail

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, 52.673, 53.366 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, 52.673, 53.366

Background



This preview shows how black text looks on a background with the CIELCh color 73, 52.673, 53.366.



This preview shows how white text looks on a background with the CIELCh color 73, 52.673, 53.366.

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, 52.673, 53.366

Protanopia

73, 36.888, 95.965

Deuteranopia

73, 43.942, 77.747



Tritanopia
73, 42.586, 16.604

Trichromacy



Original Color
73, 52.673, 53.366

Protanomaly
73, 39.060, 76.868

Deuteranomaly
73, 45.997, 67.552

Tritanomaly
73, 43.825, 31.644

Monochromacy



Original Color
73, 52.673, 53.366

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 17.620, 55.791

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 52.673, 53.366 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(252, 155, 103)` looks like.

```
.text, #text, p{  
    color:rgb(252, 155, 103)  
}
```

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(252, 155, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 155, 103) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 52.673, 53.366 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(252, 155, 103) }
```

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

```
.border{ border-color:rgb(252, 155, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 155, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 155, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 155, 103);  
box-shadow:4px 4px 4px 4px rgb(252, 155,  
103) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 52.673, 53.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 155, 103) }
```

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

```
.background{ background-color: rgb(252,  
155, 103) }
```

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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