

Converting Colors

CIELCh(71, 51.526, 41.691)

Have a look what the booklet for
CIELCh(71, 51.526, 41.691) contains.

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Color

CIELCh(71, 51.554, 41.376)

Conversions

Conversions Part 1

Format	Color
Hex	FE9072
RGB	254, 144, 114
RGB Percent	100%, 56%, 45%
CMY	0.0043, 0.4356, 0.5532
CMYK	0.00, 0.43, 0.55, 0.00
HSL	13°, 98%, 72%
HSV	13°, 55%, 100%
XYZ	53.8319, 42.1875, 21.2021
YIQ	173.4700, 75.1900, 13.9900

Conversions

Conversions Part 2

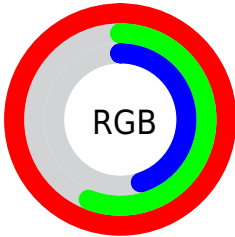
Format	Color
RYB	254, 152, 114
Decimal	16683122
CIELab	71.00, 38.69, 34.08
CIELCh	71, 51.554, 41.376
Yxy	42.1875, 0.4592, 0.3599
Android (android.graphics.Color)	4294873202 (0xFFFE9072)
YUV	173.4700, -29.3187, 70.6248
Hunter-Lab	64.9519, 34.2742, 26.1125

Details

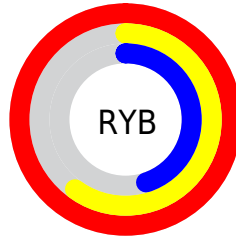
The CIELCh color **71, 51.554, 41.376** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **84, 33.660, 225.965**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 28.752, 57.195**, and **51, 51.569, 41.794** is the 20% darker color. If you saturate the color by 10%, you get **67, 63.136, 42.035**, and if you desaturate by 10%, it is **76, 40.558, 40.944**.

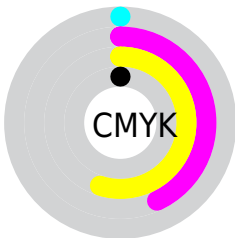
Distribution



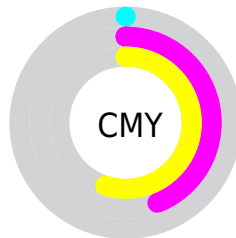
- Red (100%)
- Green (56%)
- Blue (45%)



- Red (100%)
- Yellow (60%)
- Blue (45%)



- Cyan (0%)
- Magenta (43%)
- Yellow (55%)
- Black (0%)



- Cyan (0%)
- Magenta (44%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 51.554, 41.376 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 71, 51.554, 41.376 by changing the saturation by 10% instead.

71, 51.554, 41.376

71, 51.554, 41.376

100, 51.554,
41.376

61, 51.554, 41.376

91, 51.554, 41.376

51, 51.554, 41.376

41, 51.554, 41.376

31, 51.554, 41.376

21, 51.554, 41.376

11, 51.554, 41.376

1, 51.554, 41.376

0, 51.554, 41.376

71, 51.554, 41.376

71, 51.554, 41.376

67, 63.136, 42.035

76, 40.558, 40.944

63, 74.980, 42.851

81, 30.287, 40.717

59, 86.322, 43.591

86, 20.773, 40.666

57, 95.533, 43.665

91, 11.995, 40.746

56, 98.957, 43.469

97, 3.903, 40.847

100, 0.380,
201.123

Harmonies

Complementary

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



71, 51.554, 41.376



84, 33.660, 225.965

Rectangle

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



71, 51.554, 41.376



71, 51.554, 91.376



71, 51.554, 221.376



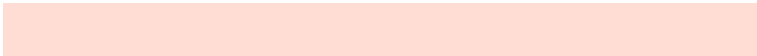
71, 51.554, 271.376

Sweetspot

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



71, 51.552, 41.380



91, 13.629, 40.724



68, 73.630, 334.283



47, 9.193, 40.703



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 51.552, 41.380



67, 64.389, 42.103



87, 53.463, 86.386



50, 4.419, 40.820



42, 79.504, 43.898



12, 29.769, 38.010

Inverse Universe

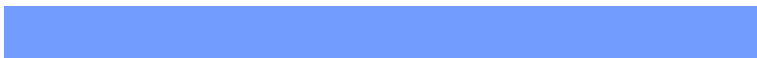
The Inverse Universe completely reimagines the original color for something new.



84, 33.660, 225.965



82, 37.856, 228.159



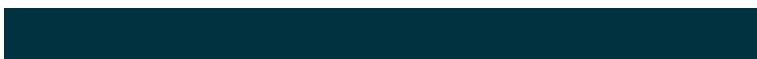
65, 54.809, 284.194



52, 4.166, 221.584



58, 35.699, 238.789



19, 16.205, 233.165

Previews

White Background



This preview shows how the CIELCh color 71, 51.554, 41.376 looks on a white background.

Color Contrast Check

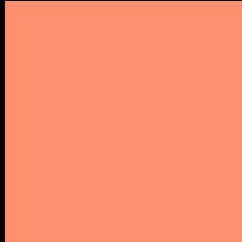
Large Text (above 18pt) WCAG AA × Fail

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 71, 51.554, 41.376 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 71, 51.554, 41.376

Background



This preview shows how black text looks on a background with the CIELCh color 71, 51.554, 41.376.



This preview shows how white text looks on a background with the CIELCh color 71, 51.554, 41.376.

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

71, 51.554, 41.376

Protanopia

71, 26.501, 95.769

Deuteranopia

71, 36.245, 75.323



Tritanopia
71, 46.626, 17.847

Trichromacy



Original Color
71, 51.554, 41.376

Protanomaly
70, 30.735, 66.114

Deuteranomaly
71, 40.011, 59.829

Tritanomaly
71, 47.655, 26.696

Monochromacy



Original Color
71, 51.554, 41.376

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 17.081, 39.173

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 51.554, 41.376 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, 144, 114)` looks like.

```
.text, #text, p{  
    color:rgb(254, 144, 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(254, 144, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 144, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 51.554, 41.376 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, 144, 114) }
```

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

```
.border{ border-color:rgb(254, 144, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 144, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 144, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 144, 114);  
box-shadow:4px 4px 4px 4px rgb(254, 144,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 51.554, 41.376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 144, 114) }
```

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

```
.background{ background-color: rgb(254,  
144, 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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