

Converting Colors

CIELCh(71, 52.822, 41.631)

Have a look what the booklet for
CIELCh(71, 52.822, 41.631) contains.

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Color

CIELCh(71, 52.741, 41.637)

Conversions

Conversions Part 1

Format	Color
Hex	FF8F70
RGB	255, 143, 112
RGB Percent	100%, 56%, 44%
CMY	0.0000, 0.4384, 0.5600
CMYK	0.00, 0.44, 0.56, 0.00
HSL	13°, 100%, 72%
HSV	13°, 56%, 100%
XYZ	54.1179, 42.1875, 20.6772
YIQ	172.9540, 76.7030, 14.1030

Conversions

Conversions Part 2

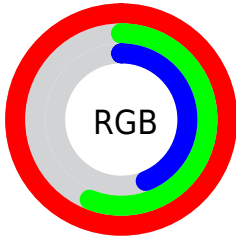
Format	Color
R _Y B	255, 152, 112
Decimal	16748400
CIE Lab	71.00, 39.42, 35.04
CIE LCh	71, 52.741, 41.637
Yxy	42.1875, 0.4626, 0.3606
Android (android.graphics.Color)	4294938480 (0xFFFF8F70)
YUV	172.9540, -30.0503, 71.9543
Hunter-Lab	64.9519, 35.0603, 26.5916

Details

The CIELCh color **71, 52.741, 41.637** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **84, 34.126, 226.574**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 29.477, 57.440**, and **51, 52.855, 42.094** is the 20% darker color. If you saturate the color by 10%, you get **67, 64.289, 42.315**, and if you desaturate by 10%, it is **76, 41.566, 41.237**.

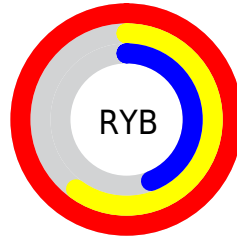
Distribution



Red (100%)

Green (56%)

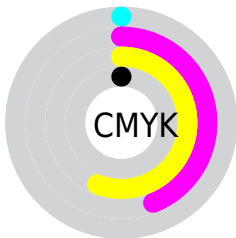
Blue (44%)



Red (100%)

Yellow (60%)

Blue (44%)

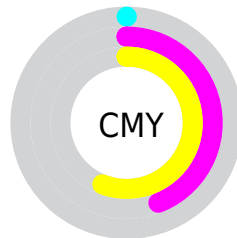


Cyan (0%)

Magenta (44%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (44%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 52.741, 41.637 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, 52.741, 41.637 by changing the saturation by 10% instead.

71, 52.741, 41.637

71, 52.741, 41.637

100, 52.741,
41.637

61, 52.741, 41.637

91, 52.741, 41.637

51, 52.741, 41.637

41, 52.741, 41.637

31, 52.741, 41.637

21, 52.741, 41.637

11, 52.741, 41.637

1, 52.741, 41.637

0, 52.741, 41.637

71, 52.741, 41.637

71, 52.741, 41.637

67, 64.289, 42.315

76, 41.566, 41.237

63, 76.156, 43.105

81, 31.210, 41.013

60, 87.420, 43.779

86, 21.613, 40.967

57, 96.358, 43.715

91, 12.756, 41.053

56, 99.165, 43.555

97, 4.591, 41.182

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.



71, 52.741, 41.637



84, 34.126, 226.574

Rectangle

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



71, 52.741, 41.637



71, 52.741, 91.637



71, 52.741, 221.637



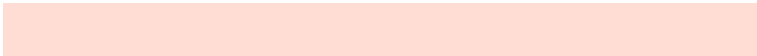
71, 52.741, 271.637

Sweetspot

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



71, 52.640, 41.669



91, 13.609, 41.040



68, 74.024, 335.048



47, 9.179, 41.016



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, 52.640, 41.669



66, 65.474, 42.389



87, 55.106, 87.568



50, 4.412, 41.148



42, 79.402, 43.994



12, 29.727, 38.184

Inverse Universe

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



84, 34.126, 226.574



81, 38.178, 228.881



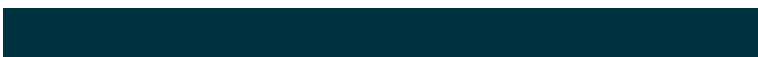
64, 57.249, 285.543



52, 4.160, 221.938



58, 35.772, 239.414



19, 16.220, 233.723

Previews

White Background



This preview shows how the CIELCh color 71, 52.741, 41.637 looks on a white background.

Color Contrast Check

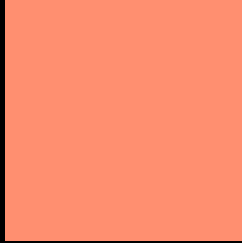
Large Text (above 18pt) WCAG AA × Fail

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, 52.741, 41.637 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, 52.741, 41.637

Background



This preview shows how black text looks on a background with the CIELCh color 71, 52.741, 41.637.



This preview shows how white text looks on a background with the CIELCh color 71, 52.741, 41.637.

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, 52.741, 41.637

Protanopia

71, 27.024, 95.927

Deuteranopia

71, 37.424, 75.449



Tritanopia
71, 46.691, 18.501

Trichromacy



Original Color
71, 52.741, 41.637

Protanomaly
71, 31.897, 66.666

Deuteranomaly
71, 40.755, 59.925

Tritanomaly
71, 47.809, 27.311

Monochromacy



Original Color
71, 52.741, 41.637

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 17.696, 40.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 52.741, 41.637 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, 143, 112)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 112)  
}
```

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, 143, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 52.741, 41.637 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, 143, 112) }
```

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

```
.border{ border-color:rgb(255, 143, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 143, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 112);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 52.741, 41.637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 112) }
```

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

```
.background{ background-color: rgb(255,  
143, 112) }
```

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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