

Converting Colors

CIELCh(71, 55.174, 35.277)

Have a look what the booklet for
CIELCh(71, 55.174, 35.277) contains.

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Color

CIELCh(70, 52.294, 35.805)

Conversions

Conversions Part 1

Format	Color
Hex	FF8A76
RGB	255, 138, 118
RGB Percent	100%, 54%, 46%
CMY	0.0000, 0.4588, 0.5372
CMYK	0.00, 0.46, 0.54, 0.00
HSL	9°, 100%, 73%
HSV	9°, 54%, 100%
XYZ	53.6039, 40.7494, 22.1822
YIQ	170.7030, 76.1520, 18.5840

Conversions

Conversions Part 2

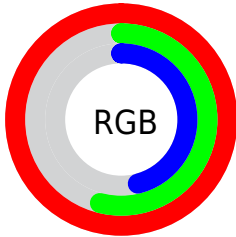
Format	Color
R_{YB}	255, 141, 118
Decimal	16747126
CIE _{Lab}	70.00, 42.41, 30.59
CIE _{LCh}	70, 52.294, 35.805
Yxy	40.7494, 0.4600, 0.3497
Android (android.graphics.Color)	4294937206 (0xFFFF8A76)
YUV	170.7030, -25.9826, 73.9285
Hunter-Lab	63.8353, 38.1787, 24.0819

Details

The CIELCh color **70, 52.294, 35.805** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 34.079, 215.507**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **83, 27.873, 46.476**, and **50, 52.513, 35.846** is the 20% darker color. If you saturate the color by 10%, you get **65, 64.192, 37.079**, and if you desaturate by 10%, it is **75, 40.940, 34.859**.

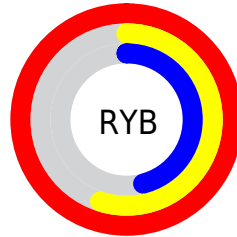
Distribution



Red (100%)

Green (54%)

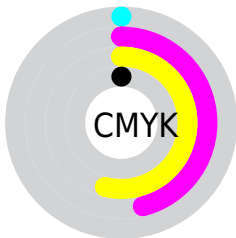
Blue (46%)



Red (100%)

Yellow (55%)

Blue (46%)

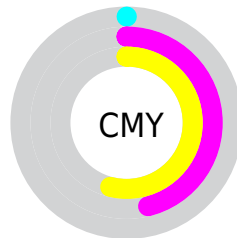


Cyan (0%)

Magenta (46%)

Yellow (54%)

Black (0%)



Cyan (0%)

Magenta (46%)

Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 52.294, 35.805 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 70, 52.294, 35.805 by changing the saturation by 10% instead.

 70, 52.294, 35.805

 70, 52.294, 35.805

 100, 52.294,
35.805

 60, 52.294, 35.805

 90, 52.294, 35.805

 50, 52.294, 35.805

 40, 52.294, 35.805

 30, 52.294, 35.805

 20, 52.294, 35.805

 10, 52.294, 35.805

 0, 52.294, 35.805

 70, 52.294, 35.805

 70, 52.294, 35.805

 65, 64.192, 37.079

 75, 40.940, 34.859

61, 76.321, 38.643

80, 30.304, 34.193

58, 87.965, 40.294

86, 20.437, 33.754

56, 97.554, 41.427

92, 11.332, 33.482

55, 101.814,
41.706

98, 2.947, 33.209

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.



70, 52.294, 35.805



87, 34.079, 215.507

Rectangle

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



70, 52.294, 35.805



70, 52.294, 85.805



70, 52.294, 215.805



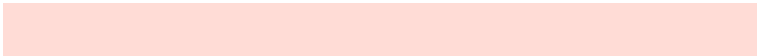
70, 52.294, 265.805

Sweetspot

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



70, 52.288, 35.809



91, 13.341, 33.533



70, 75.596, 331.599



47, 9.086, 33.584



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 52.288, 35.809



65, 64.528, 37.119



85, 50.119, 81.036



50, 4.613, 33.395



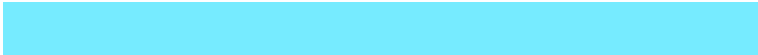
41, 81.623, 42.021



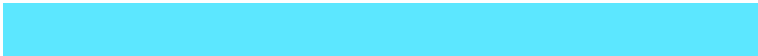
11, 30.766, 34.344

Inverse Universe

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



87, 34.079, 215.507



85, 37.979, 216.696



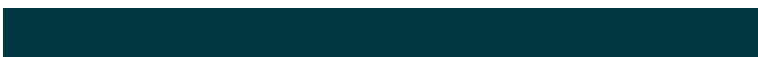
69, 48.714, 278.881



52, 4.337, 213.540



62, 35.131, 223.883



20, 16.255, 220.132

Previews

White Background



This preview shows how the CIELCh color 70, 52.294, 35.805 looks on a white background.

Color Contrast Check

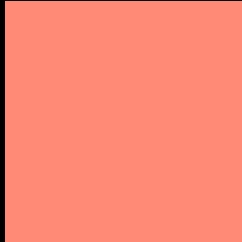
Large Text (above 18pt) WCAG AA × Fail

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 70, 52.294, 35.805 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 70, 52.294, 35.805

Background



This preview shows how black text looks on a background with the CIELCh color 70, 52.294, 35.805.



This preview shows how white text looks on a background with the CIELCh color 70, 52.294, 35.805.

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

70, 52.294, 35.805

Protanopia

70, 21.760, 94.886

Deuteranopia

70, 33.502, 74.561



Tritanopia
70, 48.893, 18.526

Trichromacy



Original Color
70, 52.294, 35.805

Protanomaly
69, 27.870, 58.969

Deuteranomaly
70, 37.840, 55.779

Tritanomaly
70, 49.599, 25.169

Monochromacy



Original Color
70, 52.294, 35.805

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 17.782, 33.199

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 52.294, 35.805 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, 138, 118)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 118)  
}
```

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, 138, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 52.294, 35.805 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, 138, 118) }
```

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

```
.border{ border-color:rgb(255, 138, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 138, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 118);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 52.294, 35.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 138, 118) }
```

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

```
.background{ background-color: rgb(255,  
138, 118) }
```

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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