

Converting Colors

CIELCh(71, 50.364, 34.799)

Have a look what the booklet for
CIELCh(71, 50.364, 34.799) contains.

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Color

CIELCh(71, 49.855, 34.888)

Conversions

Conversions Part 1

Format	Color
Hex	FF8E7C
RGB	255, 142, 124
RGB Percent	100%, 56%, 49%
CMY	0.0000, 0.4422, 0.5129
CMYK	0.00, 0.44, 0.51, 0.00
HSL	8°, 100%, 74%
HSV	8°, 51%, 100%
XYZ	54.6989, 42.1875, 24.4022
YIQ	173.7350, 73.1260, 18.3580

Conversions

Conversions Part 2

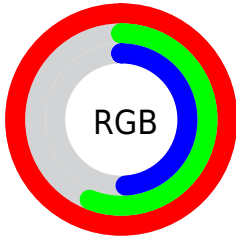
Format	Color
R _Y B	255, 145, 124
Decimal	16748156
CIE Lab	71.00, 40.89, 28.52
CIE LCh	71, 49.855, 34.888
Yxy	42.1875, 0.4510, 0.3478
Android (android.graphics.Color)	4294938236 (0xFFFF8E7C)
YUV	173.7350, -24.5194, 71.2694
Hunter-Lab	64.9519, 36.6569, 23.1912

Details

The CIELCh color **71, 49.855, 34.888** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88, 33.174, 214.115**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **84, 25.435, 45.042**, and **51, 49.847, 34.680** is the 20% darker color. If you saturate the color by 10%, you get **66, 61.571, 36.174**, and if you desaturate by 10%, it is **76, 38.505, 33.968**.

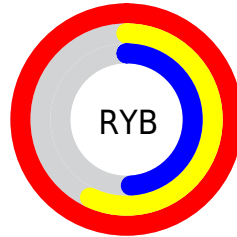
Distribution



Red (100%)

Green (56%)

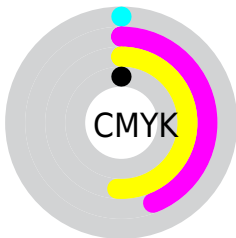
Blue (49%)



Red (100%)

Yellow (57%)

Blue (49%)

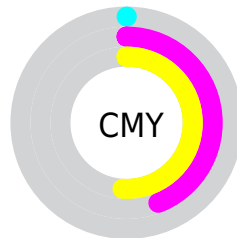


Cyan (0%)

Magenta (44%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (44%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 49.855, 34.888 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, 49.855, 34.888 by changing the saturation by 10% instead.

 71, 49.855, 34.888

 71, 49.855, 34.888

 100, 49.855,
34.888

 61, 49.855, 34.888

 91, 49.855, 34.888

 51, 49.855, 34.888

 41, 49.855, 34.888

 31, 49.855, 34.888

 21, 49.855, 34.888

 11, 49.855, 34.888

 1, 49.855, 34.888

 0, 49.855, 34.888

 71, 49.855, 34.888

 71, 49.855, 34.888

66, 61.571, 36.174

76, 38.505, 33.968

62, 73.713, 37.766

82, 27.998, 33.309

59, 85.575, 39.537

87, 18.261, 32.870

56, 95.850, 40.995

93, 9.282, 32.585

55, 102.066,
41.542

99, 1.013, 31.885

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, 49.855, 34.888



88, 33.174, 214.115

Rectangle

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



71, 49.855, 34.888



71, 49.855, 84.888



71, 49.855, 214.888



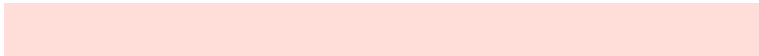
71, 49.855, 264.888

Sweetspot

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



71, 49.741, 34.908



91, 12.531, 32.679



71, 72.640, 331.449



47, 8.626, 32.737



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, 49.741, 34.908



66, 62.433, 36.277



86, 47.775, 81.396



50, 4.641, 32.542



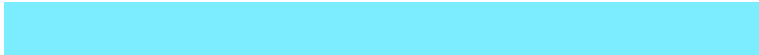
41, 81.840, 41.842



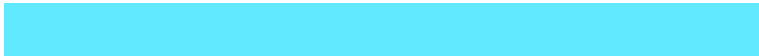
11, 30.890, 33.937

Inverse Universe

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



88, 33.174, 214.115



86, 37.483, 215.177



70, 46.427, 278.191



52, 4.363, 212.614



62, 35.210, 222.109



20, 16.312, 218.603

Previews

White Background



This preview shows how the CIELCh color 71, 49.855, 34.888 looks on a white background.

Color Contrast Check

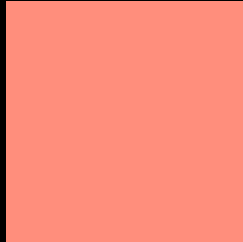
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 71, 49.855, 34.888 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, 49.855, 34.888

Background



This preview shows how black text looks on a background with the CIELCh color 71, 49.855, 34.888.



This preview shows how white text looks on a background with the CIELCh color 71, 49.855, 34.888.

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, 49.855, 34.888

Protanopia

71, 20.019, 95.270

Deuteranopia

71, 31.269, 73.548



Tritanopia
71, 46.691, 18.501

Trichromacy



Original Color
71, 49.855, 34.888

Protanomaly
70, 25.923, 57.718

Deuteranomaly
71, 35.467, 54.184

Tritanomaly
71, 47.230, 24.827

Monochromacy



Original Color
71, 49.855, 34.888

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 16.745, 31.963

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 49.855, 34.888 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, 142, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 124)  
}
```

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, 142, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 49.855, 34.888 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, 142, 124) }
```

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

```
.border{ border-color:rgb(255, 142, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 142, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 49.855, 34.888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 124) }
```

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

```
.background{ background-color: rgb(255,  
142, 124) }
```

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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