

Converting Colors

CIELCh(73, 71.042, 34.107)

Have a look what the booklet for
CIELCh(73, 71.042, 34.107) contains.

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Color

CIELCh(68, 56.789, 34.598)

Conversions

Conversions Part 1

Format	Color
Hex	FF806E
RGB	255, 128, 110
RGB Percent	100%, 50%, 43%
CMY	0.0000, 0.4969, 0.5675
CMYK	0.00, 0.50, 0.57, 0.00
HSL	7°, 100%, 72%
HSV	7°, 57%, 100%
XYZ	51.9529, 37.9720, 19.4212
YIQ	163.9210, 81.4700, 21.3260

Conversions

Conversions Part 2

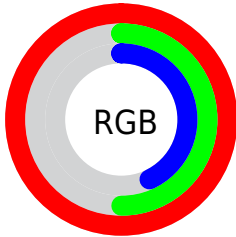
Format	Color
R_{YB}	255, 131, 110
Decimal	16744558
CIE _{Lab}	68.00, 46.75, 32.25
CIE _{LCh}	68, 56.789, 34.598
Yxy	37.9720, 0.4751, 0.3473
Android (android.graphics.Color)	4294934638 (0xFFFF806E)
YUV	163.9210, -26.5831, 79.8763
Hunter-Lab	61.6215, 42.6553, 24.4486

Details

The CIELCh color **68, 56.789, 34.598** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **88, 35.830, 212.710**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 31.533, 41.866**, and **48, 56.596, 34.707** is the 20% darker color. If you saturate the color by 10%, you get **64, 68.739, 36.197**, and if you desaturate by 10%, it is **73, 44.987, 33.389**.

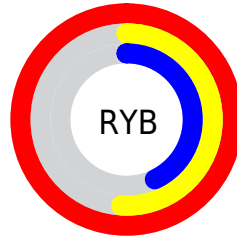
Distribution



Red (100%)

Green (50%)

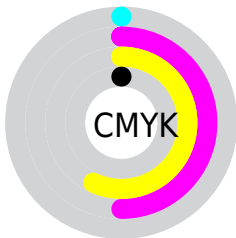
Blue (43%)



Red (100%)

Yellow (51%)

Blue (43%)

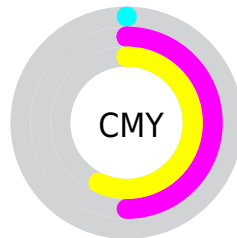


Cyan (0%)

Magenta (50%)

Yellow (57%)

Black (0%)



Cyan (0%)

Magenta (50%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 56.789, 34.598 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 68, 56.789, 34.598 by changing the saturation by 10% instead.

 68, 56.789, 34.598

 68, 56.789, 34.598

 100, 56.789,
34.598

 58, 56.789, 34.598

 88, 56.789, 34.598

 48, 56.789, 34.598

 98, 56.789, 34.598

 38, 56.789, 34.598

 28, 56.789, 34.598

 18, 56.789, 34.598

 8, 56.789, 34.598

 0, 56.789, 34.598

 68, 56.789, 34.598

 68, 56.789, 34.598

 64, 68.739, 36.197

 73, 44.987, 33.389

60, 80.841, 38.081

78, 33.983, 32.491

57, 92.037, 39.955

84, 23.729, 31.859

55, 100.387,
41.029

90, 14.246, 31.431

96, 5.507, 31.109

54, 102.444,
41.299

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.



68, 56.789, 34.598



88, 35.830, 212.710

Rectangle

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



68, 56.789, 34.598



68, 56.789, 84.598



68, 56.789, 214.598



68, 56.789, 264.598

Sweetspot

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



68, 56.644, 34.613



90, 14.469, 31.439



68, 80.019, 331.175



47, 9.761, 31.513



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 56.644, 34.613



63, 70.257, 36.418



84, 52.562, 79.115



50, 4.689, 31.199



41, 82.167, 41.575



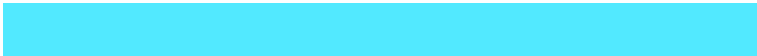
11, 31.092, 33.286

Inverse Universe

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



88, 35.830, 212.710



86, 39.712, 213.864



68, 50.347, 278.417



52, 4.407, 211.158



63, 35.398, 219.306



21, 16.424, 216.193

Previews

White Background



This preview shows how the CIELCh color 68, 56.789, 34.598 looks on a white background.

Color Contrast Check

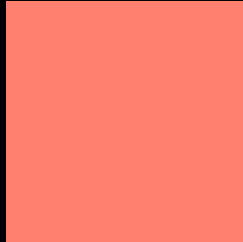
Large Text (above 18pt) WCAG AA × Fail

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 68, 56.789, 34.598 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 68, 56.789, 34.598

Background



This preview shows how black text looks on a background with the CIELCh color 68, 56.789, 34.598.



This preview shows how white text looks on a background with the CIELCh color 68, 56.789, 34.598.

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](#).

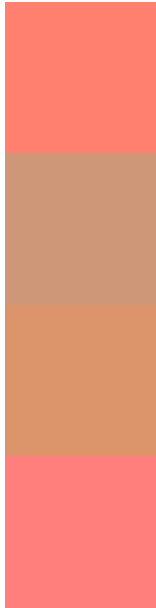
Dichromacy





Tritanopia
68, 53.202, 20.890

Trichromacy



Original Color
68, 56.789, 34.598

Protanomaly
67, 29.573, 56.833

Deuteranomaly
68, 39.747, 55.183

Tritanomaly
68, 54.058, 26.390

Monochromacy



Original Color
68, 56.789, 34.598

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 19.219, 32.541

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 56.789, 34.598 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, 128, 110)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 110)  
}
```

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, 128, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 56.789, 34.598 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, 128, 110) }
```

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

```
.border{ border-color:rgb(255, 128, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 128, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 110);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 56.789, 34.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 110) }
```

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

```
.background{ background-color: rgb(255,  
128, 110) }
```

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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