

Converting Colors

CIELCh(68, 59.062, 37.827)

Have a look what the booklet for
CIELCh(68, 59.062, 37.827) contains.

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Color

CIELCh(68, 58.565, 37.843)

Conversions

Conversions Part 1

Format	Color
Hex	FF8168
RGB	255, 129, 104
RGB Percent	100%, 51%, 41%
CMY	0.0000, 0.4957, 0.5939
CMYK	0.00, 0.50, 0.59, 0.00
HSL	10°, 100%, 70%
HSV	10°, 59%, 100%
XYZ	51.7633, 37.9720, 17.5764
YIQ	163.8240, 83.1210, 18.9370

Conversions

Conversions Part 2

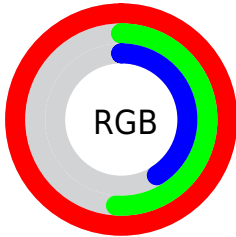
Format	Color
R _Y B	255, 134, 104
Decimal	16744808
CIE Lab	68.00, 46.25, 35.93
CIE LCh	68, 58.565, 37.843
Yxy	37.9720, 0.4824, 0.3538
Android (android.graphics.Color)	4294934888 (0xFFFF8168)
YUV	163.8240, -29.4932, 79.9614
Hunter-Lab	61.6215, 42.1062, 26.2236

Details

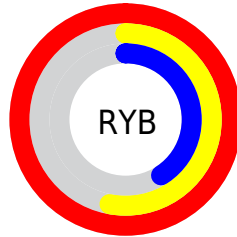
The CIELCh color **68, 58.565, 37.843** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **85, 36.003, 219.059**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 33.043, 47.609**, and **48, 58.055, 38.001** is the 20% darker color. If you saturate the color by 10%, you get **64, 70.299, 39.132**, and if you desaturate by 10%, it is **73, 46.691, 36.929**.

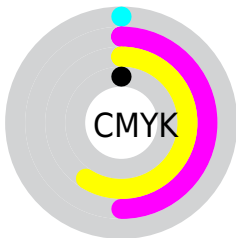
Distribution



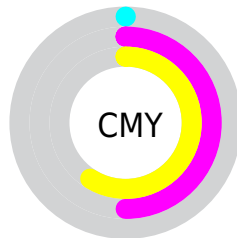
- Red (100%)
- Green (51%)
- Blue (41%)



- Red (100%)
- Yellow (53%)
- Blue (41%)



- Cyan (0%)
- Magenta (50%)
- Yellow (59%)
- Black (0%)



- Cyan (0%)
- Magenta (50%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 58.565, 37.843 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, 58.565, 37.843 by changing the saturation by 10% instead.

68, 58.565, 37.843

68, 58.565, 37.843

100, 58.565,
37.843

58, 58.565, 37.843

88, 58.565, 37.843

48, 58.565, 37.843

98, 58.565, 37.843

38, 58.565, 37.843

28, 58.565, 37.843

18, 58.565, 37.843

8, 58.565, 37.843

0, 58.565, 37.843

68, 58.565, 37.843

68, 58.565, 37.843

64, 70.299, 39.132

73, 46.691, 36.929

60, 82.256, 40.550

78, 35.762, 36.251

57, 93.036, 41.753

83, 25.587, 35.813

55, 100.767,
42.097

89, 16.181, 35.564

95, 7.515, 35.433

55, 101.176,
42.131

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, 58.565, 37.843



85, 36.003, 219.059

Rectangle

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



68, 58.565, 37.843



68, 58.565, 87.843



68, 58.565, 217.843



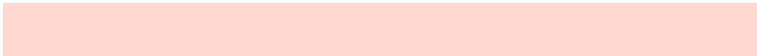
68, 58.565, 267.843

Sweetspot

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



68, 58.279, 37.888



90, 14.930, 35.540



67, 81.145, 332.585



46, 10.503, 35.592



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, 58.279, 37.888



63, 72.242, 39.353



84, 56.019, 81.620



50, 4.550, 35.435



41, 81.080, 42.480



11, 30.486, 35.303

Inverse Universe

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



85, 36.003, 219.059



83, 39.689, 220.965



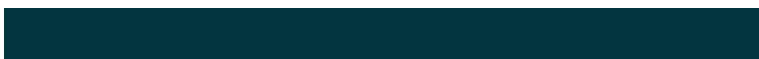
65, 55.416, 281.871



52, 4.280, 215.752



61, 35.069, 228.090



20, 16.164, 223.770

Previews

White Background



This preview shows how the CIELCh color 68, 58.565, 37.843 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, 58.565, 37.843 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, 58.565, 37.843

Background



This preview shows how black text looks on a background with the CIELCh color 68, 58.565, 37.843.



This preview shows how white text looks on a background with the CIELCh color 68, 58.565, 37.843.

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

68, 58.061, 37.880

Protanopia

68, 26.721, 95.603

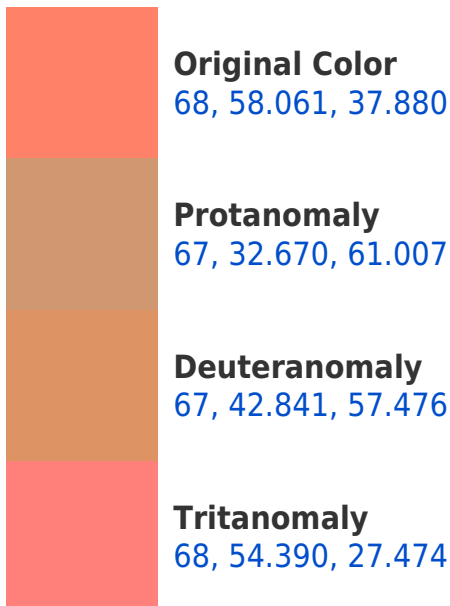
Deuteranopia

68, 38.484, 76.386

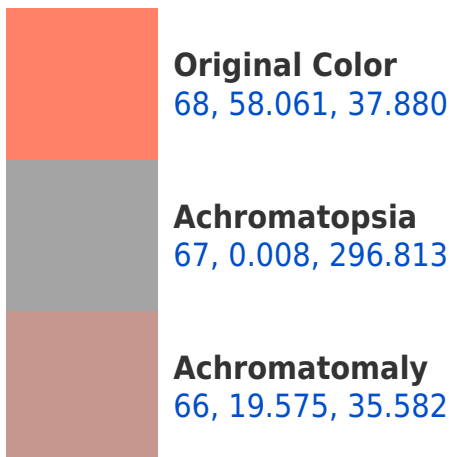


Tritanopia
68, 53.202, 20.890

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 58.565, 37.843 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, 129, 104)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 104)  
}
```

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, 129, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 58.565, 37.843 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, 129, 104) }
```

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

```
.border{ border-color:rgb(255, 129, 104) }
```

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

Here you see how a box with a 4 pixel rgb(255, 129, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 104);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 58.565, 37.843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 104) }
```

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

```
.background{ background-color: rgb(255,  
129, 104) }
```

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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