

Converting Colors

CIELCh(69, 63.759, 30.156)

Have a look what the booklet for
CIELCh(69, 63.759, 30.156) contains.

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Color

CIELCh(67, 57.576, 29.834)

Conversions

Conversions Part 1

Format	Color
Hex	FF7A72
RGB	255, 122, 114
RGB Percent	100%, 48%, 45%
CMY	0.0000, 0.5196, 0.5512
CMYK	0.00, 0.52, 0.55, 0.00
HSL	3°, 100%, 72%
HSV	3°, 55%, 100%
XYZ	51.5304, 36.6320, 20.4095
YIQ	160.8550, 81.8360, 25.7080

Conversions

Conversions Part 2

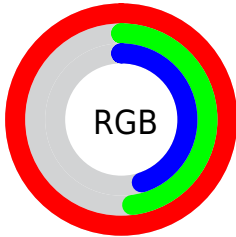
Format	Color
R _Y B	255, 122, 114
Decimal	16743026
CIE Lab	67.00, 49.95, 28.64
CIE LCh	67, 57.576, 29.834
Yxy	36.6320, 0.4746, 0.3374
Android (android.graphics.Color)	4294933106 (0xFFFF7A72)
YUV	160.8550, -23.0995, 82.5652
Hunter-Lab	60.5244, 46.0572, 22.3738

Details

The CIELCh color **67, 57.576, 29.834** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **90, 37.231, 203.654**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 32.048, 32.271**, and **47, 57.459, 29.790** is the 20% darker color. If you saturate the color by 10%, you get **62, 69.559, 32.017**, and if you desaturate by 10%, it is **72, 45.419, 28.127**.

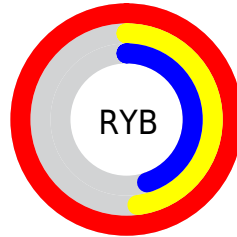
Distribution



Red (100%)

Green (48%)

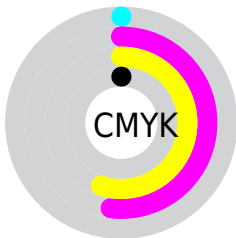
Blue (45%)



Red (100%)

Yellow (48%)

Blue (45%)

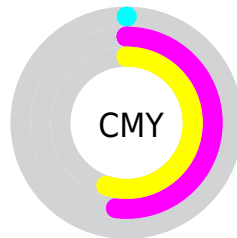


Cyan (0%)

Magenta (52%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 57.576, 29.834 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 67, 57.576, 29.834 by changing the saturation by 10% instead.

67, 57.576, 29.834

67, 57.576, 29.834

100, 57.576,
29.834

57, 57.576, 29.834

87, 57.576, 29.834

47, 57.576, 29.834

97, 57.576, 29.834

37, 57.576, 29.834

27, 57.576, 29.834

17, 57.576, 29.834

7, 57.576, 29.834

0, 57.576, 29.834

67, 57.576, 29.834

67, 57.576, 29.834

62, 69.559, 32.017

72, 45.419, 28.127

■ 59, 81.637, 34.664

■ 78, 34.061, 26.835

■ 56, 92.763, 37.495

■ 84, 23.411, 25.867

■ 54, 101.155,
39.675

■ 90, 13.524, 25.139

■ 97, 4.393, 24.519

■ 54, 103.866,
40.419

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.



67, 57.576, 29.834



90, 37.231, 203.654

Rectangle

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



67, 57.576, 29.834



67, 57.576, 79.834



67, 57.576, 209.834



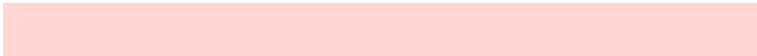
67, 57.576, 259.834

Sweetspot

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



67, 57.340, 29.831



89, 15.327, 25.262



70, 81.678, 328.817



46, 10.337, 25.399



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 57.340, 29.831



62, 70.640, 32.234



82, 49.507, 73.232



50, 4.970, 24.798



40, 83.446, 40.578



10, 32.236, 29.974

Inverse Universe

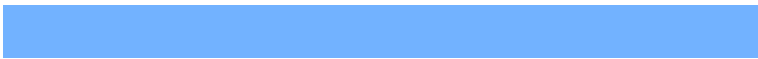
The Inverse Universe completely reimagines the original color for something new.



90, 37.231, 203.654



89, 41.414, 203.930



71, 44.432, 271.862



52, 4.672, 204.214



67, 37.445, 206.014



22, 17.365, 204.770

Previews

White Background



This preview shows how the CIELCh color 67, 57.576, 29.834 looks on a white background.

Color Contrast Check

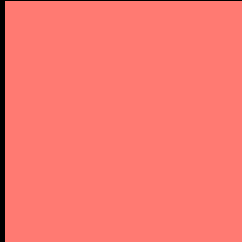
Large Text (above 18pt) WCAG AA × Fail

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 67, 57.576, 29.834 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 67, 57.576, 29.834

Background



This preview shows how black text looks on a background with the CIELCh color 67, 57.576, 29.834.

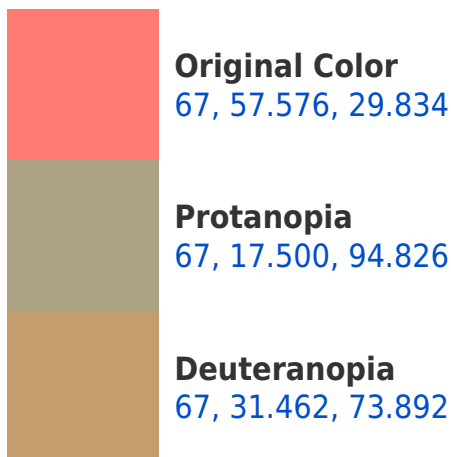


This preview shows how white text looks on a background with the CIELCh color 67, 57.576, 29.834.

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
67, 55.521, 21.520

Trichromacy



Original Color
67, 57.576, 29.834

Protanomaly
66, 26.651, 47.947

Deuteranomaly
66, 37.508, 50.197

Tritanomaly
67, 55.838, 24.658

Monochromacy



Original Color
67, 57.576, 29.834

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 19.629, 26.050

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 57.576, 29.834 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, 122, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 114)  
}
```

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, 122, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 57.576, 29.834 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, 122, 114) }
```

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

```
.border{ border-color:rgb(255, 122, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 122, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 122, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 122, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 122,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 57.576, 29.834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 122, 114) }
```

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

```
.background{ background-color: rgb(255,  
122, 114) }
```

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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