

Converting Colors

CIELCh(67, 51.725, 29.417)

Have a look what the booklet for
CIELCh(67, 51.725, 29.417) contains.

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Color

CIELCh(67, 51.712, 29.519)

Conversions

Conversions Part 1

Format	Color
Hex	F88078
RGB	248, 128, 120
RGB Percent	97%, 50%, 47%
CMY	0.0285, 0.4990, 0.5303
CMYK	0.00, 0.48, 0.52, 0.03
HSL	4°, 90%, 72%
HSV	4°, 52%, 97%
XYZ	49.6776, 36.6320, 22.1494
YIQ	162.9680, 74.0880, 22.9520

Conversions

Conversions Part 2

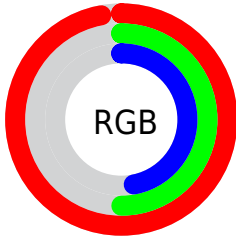
Format	Color
R _Y B	248, 129, 120
Decimal	16285816
CIE Lab	67.00, 45.00, 25.48
CIE LCh	67, 51.712, 29.519
Yxy	36.6320, 0.4580, 0.3377
Android (android.graphics.Color)	4294475896 (0xFFFF88078)
YUV	162.9680, -21.1832, 74.5731
Hunter-Lab	60.5244, 40.5930, 20.6694

Details

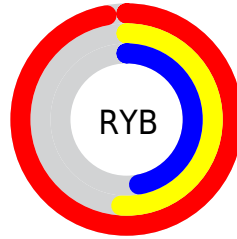
The CIELCh color **67, 51.712, 29.519** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88, 34.646, 204.239**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 29.398, 32.906**, and **47, 51.757, 29.743** is the 20% darker color. If you saturate the color by 10%, you get **62, 63.565, 31.482**, and if you desaturate by 10%, it is **72, 40.266, 28.014**.

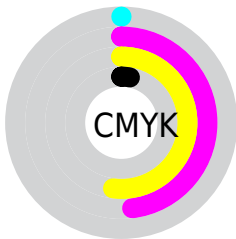
Distribution



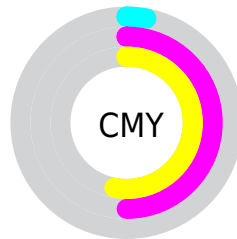
- Red (97%)
- Green (50%)
- Blue (47%)



- Red (97%)
- Yellow (51%)
- Blue (47%)



- Cyan (0%)
- Magenta (48%)
- Yellow (52%)
- Black (3%)



- Cyan (3%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 51.712, 29.519 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, 51.712, 29.519 by changing the saturation by 10% instead.

67, 51.712, 29.519

67, 51.712, 29.519

100, 51.712,
29.519

57, 51.712, 29.519

87, 51.712, 29.519

47, 51.712, 29.519

97, 51.712, 29.519

37, 51.712, 29.519

27, 51.712, 29.519

17, 51.712, 29.519

7, 51.712, 29.519

0, 51.712, 29.519

67, 51.712, 29.519

67, 51.712, 29.519

62, 63.565, 31.482

72, 40.266, 28.014

■ 58, 75.482, 33.916

■ 78, 29.443, 26.878

■ 55, 86.845, 36.668

■ 84, 19.341, 26.032

■ 53, 96.339, 39.146

■ 90, 9.988, 25.389

■ 52, 101.512,
40.481

■ 96, 1.358, 24.532

■ 99, 2.521, 199.508

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67, 51.712, 29.519



88, 34.646, 204.239

Rectangle

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



67, 51.712, 29.519



67, 51.712, 79.519



67, 51.712, 209.519



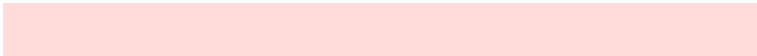
67, 51.712, 259.519

Sweetspot

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



67, 51.709, 29.522



90, 13.349, 25.589



69, 75.512, 328.646



47, 9.187, 25.722



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, 51.709, 29.522



64, 65.518, 31.580



81, 45.077, 73.738



49, 4.865, 25.266



40, 82.527, 40.645



10, 30.930, 29.323

Inverse Universe

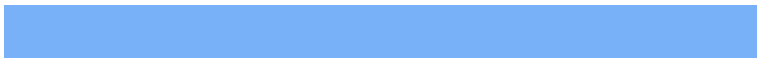
The Inverse Universe completely reimagines the original color for something new.



88, 34.646, 204.239



89, 39.823, 204.489



71, 40.703, 270.797



51, 4.573, 204.724



66, 36.859, 206.963



21, 16.825, 205.523

Previews

White Background



This preview shows how the CIELCh color 67, 51.712, 29.519 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, 51.712, 29.519 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, 51.712, 29.519

Background



This preview shows how black text looks on a background with the CIELCh color 67, 51.712, 29.519.

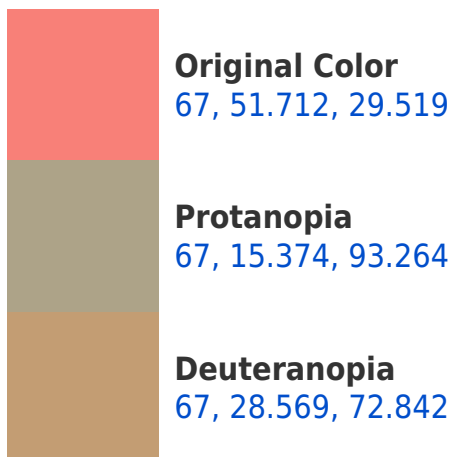


This preview shows how white text looks on a background with the CIELCh color 67, 51.712, 29.519.

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](#).

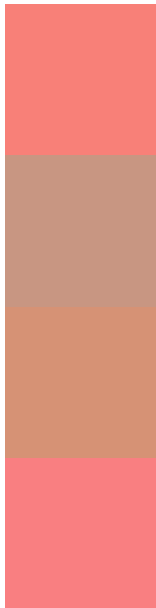
Dichromacy





Tritanopia
67, 50.782, 20.384

Trichromacy



Original Color
67, 51.712, 29.519

Protanomaly
66, 24.012, 48.039

Deuteranomaly
67, 34.085, 49.080

Tritanomaly
67, 51.001, 23.852

Monochromacy



Original Color
67, 51.712, 29.519

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 17.887, 26.314

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 51.712, 29.519 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(248, 128, 120)` looks like.

```
.text, #text, p{  
    color:rgb(248, 128, 120)  
}
```

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(248, 128, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 128, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 51.712, 29.519 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(248, 128, 120) }
```

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

```
.border{ border-color:rgb(248, 128, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 128, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 128, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 128, 120);  
box-shadow:4px 4px 4px 4px rgb(248, 128,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 51.712, 29.519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 128, 120) }
```

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

```
.background{ background-color: rgb(248,  
128, 120) }
```

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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