

Converting Colors

CIELCh(68, 47.586, 32.732)

Have a look what the booklet for
CIELCh(68, 47.586, 32.732) contains.

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Color

CIELCh(68, 47.584, 32.377)

Conversions

Conversions Part 1

Format	Color
Hex	F4877A
RGB	244, 135, 122
RGB Percent	96%, 53%, 48%
CMY	0.0431, 0.4705, 0.5215
CMYK	0.00, 0.45, 0.50, 0.04
HSL	6°, 85%, 72%
HSV	6°, 50%, 96%
XYZ	49.4920, 37.9720, 23.1368
YIQ	166.1090, 69.1370, 19.0650

Conversions

Conversions Part 2

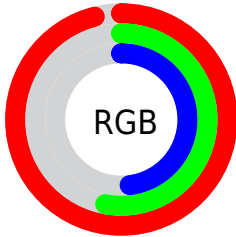
Format	Color
R _Y B	244, 137, 122
Decimal	16025466
CIE Lab	68.00, 40.19, 25.48
CIE LCh	68, 47.584, 32.377
Yxy	37.9720, 0.4475, 0.3433
Android (android.graphics.Color)	4294215546 (0xFFFF4877A)
YUV	166.1090, -21.7457, 68.3104
Hunter-Lab	61.6215, 35.5268, 20.8736

Details

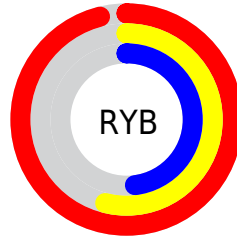
The CIELCh color **68, 47.584, 32.377** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86, 32.182, 209.790**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 27.359, 39.007**, and **48, 47.637, 32.678** is the 20% darker color. If you saturate the color by 10%, you get **63, 59.071, 33.872**, and if you desaturate by 10%, it is **73, 36.640, 31.257**.

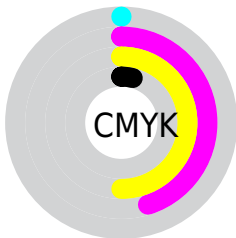
Distribution



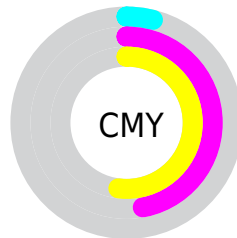
- Red (96%)
- Green (53%)
- Blue (48%)



- Red (96%)
- Yellow (54%)
- Blue (48%)



- Cyan (0%)
- Magenta (45%)
- Yellow (50%)
- Black (4%)



- Cyan (4%)
- Magenta (47%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 47.584, 32.377 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, 47.584, 32.377 by changing the saturation by 10% instead.

 68, 47.584, 32.377

 68, 47.584, 32.377

 100, 47.584,
32.377

 58, 47.584, 32.377

 88, 47.584, 32.377

 48, 47.584, 32.377

 98, 47.584, 32.377

 38, 47.584, 32.377

 28, 47.584, 32.377

 18, 47.584, 32.377

 8, 47.584, 32.377

 0, 47.584, 32.377

 68, 47.584, 32.377

 68, 47.584, 32.377

 63, 59.071, 33.872

 73, 36.640, 31.257

59, 70.837, 35.750

79, 26.386, 30.439

56, 82.354, 37.905

84, 16.872, 29.858

53, 92.494, 39.888

90, 8.089, 29.437

52, 99.479, 41.038

96, 0.012, 287.517

52, 99.480, 41.039

99, 3.795, 199.339

Harmonies

Complementary

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



68, 47.584, 32.377



86, 32.182, 209.790

Rectangle

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



68, 47.584, 32.377



68, 47.584, 82.377



68, 47.584, 212.377



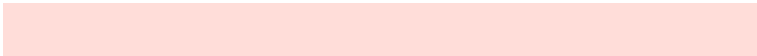
68, 47.584, 262.377

Sweetspot

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



68, 47.582, 32.381



91, 12.845, 29.636



69, 70.121, 330.197



47, 8.842, 29.726



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, 47.582, 32.381



66, 61.248, 33.896



82, 44.038, 78.639



48, 4.601, 29.417



40, 80.891, 41.280



9, 28.912, 30.698

Inverse Universe

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



86, 32.182, 209.790



88, 37.579, 210.419



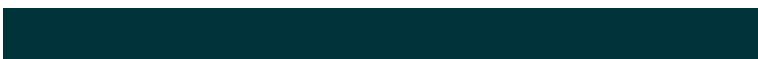
69, 41.673, 274.990



50, 4.324, 209.226



62, 35.064, 215.541



19, 15.758, 212.709

Previews

White Background



This preview shows how the CIELCh color 68, 47.584, 32.377 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 68, 47.584, 32.377 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, 47.584, 32.377

Background



This preview shows how black text looks on a background with the CIELCh color 68, 47.584, 32.377.



This preview shows how white text looks on a background with the CIELCh color 68, 47.584, 32.377.

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, 46.248, 17.921

Trichromacy



Original Color
68, 47.584, 32.377

Protanomaly
68, 23.656, 54.193

Deuteranomaly
68, 33.380, 51.527

Tritanomaly
68, 46.510, 23.074

Monochromacy



Original Color
68, 47.584, 32.377

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 15.950, 30.626

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 47.584, 32.377 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(244, 135, 122)` looks like.

```
.text, #text, p{  
    color:rgb(244, 135, 122)  
}
```

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(244, 135, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 135, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 47.584, 32.377 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(244, 135, 122) }
```

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

```
.border{ border-color:rgb(244, 135, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 135, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 135, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 135, 122); box-shadow:4px 4px 4px 4px rgb(244, 135, 122) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 47.584, 32.377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 135, 122) }
```

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

```
.background{ background-color: rgb(244,  
135, 122) }
```

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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