

Converting Colors

CIELCh(68, 48.214, 17.907)

Have a look what the booklet for
CIELCh(68, 48.214, 17.907) contains.

CIELCh(68, 48.297, 17.880)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(68, 48.297, 17.880)

Conversions

Conversions Part 1

Format	Color
Hex	F8828D
RGB	248, 130, 141
RGB Percent	97%, 51%, 55%
CMY	0.0263, 0.4892, 0.4461
CMYK	0.00, 0.48, 0.43, 0.03
HSL	354°, 90%, 74%
HSV	354°, 48%, 97%
XYZ	51.6553, 37.9720, 29.9015
YIQ	166.5360, 66.7970, 28.4370

Conversions

Conversions Part 2

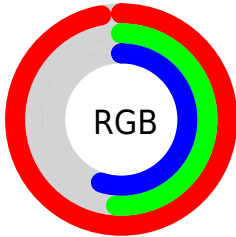
Format	Color
R _Y B	248, 130, 141
Decimal	16286349
CIE Lab	68.00, 45.96, 14.83
CIE LCh	68, 48.297, 17.880
Yxy	37.9720, 0.4322, 0.3177
Android (android.graphics.Color)	4294476429 (0xFFFF8828D)
YUV	166.5360, -12.5892, 71.4439
Hunter-Lab	61.6215, 41.7934, 14.3649

Details

The CIELCh color **68, 48.297, 17.880** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91, 36.363, 188.013**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 27.140, 10.621**, and **48, 48.272, 17.987** is the 20% darker color. If you saturate the color by 10%, you get **63, 59.411, 20.322**, and if you desaturate by 10%, it is **74, 37.248, 15.975**.

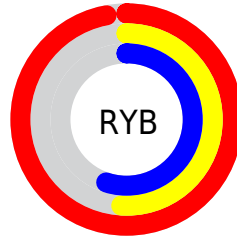
Distribution



Red (97%)

Green (51%)

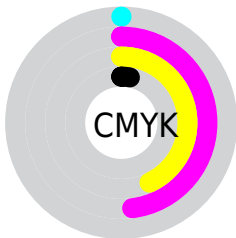
Blue (55%)



Red (97%)

Yellow (51%)

Blue (55%)

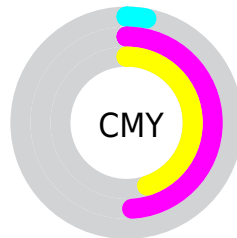


Cyan (0%)

Magenta (48%)

Yellow (43%)

Black (3%)



Cyan (3%)

Magenta (49%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 48.297, 17.880 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, 48.297, 17.880 by changing the saturation by 10% instead.

68, 48.297, 17.880

68, 48.297, 17.880

100, 48.297,
17.880

58, 48.297, 17.880

88, 48.297, 17.880

48, 48.297, 17.880

98, 48.297, 17.880

38, 48.297, 17.880

28, 48.297, 17.880

18, 48.297, 17.880

8, 48.297, 17.880

0, 48.297, 17.880

68, 48.297, 17.880

68, 48.297, 17.880

63, 59.411, 20.322

74, 37.248, 15.975

■ 59, 70.231, 23.423

■ 80, 26.553, 14.470

■ 55, 80.371, 27.258

■ 86, 16.380, 13.261

■ 53, 89.466, 31.686

■ 93, 6.808, 12.239

■ 52, 96.945, 36.089

■ 99, 2.147, 191.829

■ 52, 98.502, 36.970

■ 100, 2.327,
199.542

Harmonies

Complementary

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



68, 48.297, 17.880



91, 36.363, 188.013

Rectangle

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



68, 48.297, 17.880



68, 48.297, 67.880



68, 48.297, 197.880



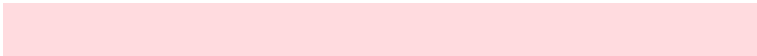
68, 48.297, 247.880

Sweetspot

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



68, 48.294, 17.883



90, 13.208, 12.888



70, 71.337, 323.931



47, 9.184, 13.115



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, 48.294, 17.883



65, 60.111, 20.197



78, 39.960, 59.223



49, 5.196, 12.434



39, 79.466, 36.258



9, 31.561, 22.371

Inverse Universe

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



68, 48.294, 17.883



65, 60.111, 20.197



78, 31.672, 251.977



49, 5.196, 12.434



39, 79.466, 36.258



9, 31.561, 22.371

Previews

White Background



This preview shows how the CIELCh color 68, 48.297, 17.880 looks on a white background.

Color Contrast Check

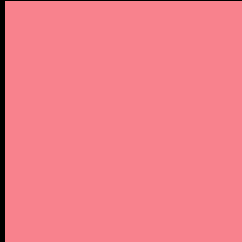
Large Text (above 18pt) WCAG AA × Fail

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, 48.297, 17.880 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, 48.297, 17.880

Background



This preview shows how black text looks on a background with the CIELCh color 68, 48.297, 17.880.



This preview shows how white text looks on a background with the CIELCh color 68, 48.297, 17.880.

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, 48.297, 17.880

Protanopia
68, 3.572, 69.516

Deuteranopia
68, 19.114, 63.273



Tritanopia
68, 48.367, 18.516

Trichromacy



Original Color
68, 48.297, 17.880



Protanomaly
67, 18.803, 19.529



Deuteranomaly
68, 27.461, 34.312



Tritanomaly
68, 48.367, 18.516

Monochromacy



Original Color
68, 48.297, 17.880



Achromatopsia
68, 0.008, 296.813



Achromatomaly
68, 17.117, 13.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 48.297, 17.880 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, 130, 141)` looks like.

```
.text, #text, p{  
    color:rgb(248, 130, 141)  
}
```

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, 130, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 130, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 48.297, 17.880 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, 130, 141) }
```

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

```
.border{ border-color:rgb(248, 130, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 130, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 130, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 130, 141);  
box-shadow:4px 4px 4px 4px rgb(248, 130,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 48.297, 17.880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 130, 141) }
```

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

```
.background{ background-color: rgb(248,  
130, 141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor