

Converting Colors

CIELCh(68, 50.085, 18.994)

Have a look what the booklet for
CIELCh(68, 50.085, 18.994) contains.

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Color

CIELCh(68, 50.029, 18.954)

Conversions

Conversions Part 1

Format	Color
Hex	FB818B
RGB	251, 129, 139
RGB Percent	98%, 51%, 55%
CMY	0.0166, 0.4949, 0.4557
CMYK	0.00, 0.49, 0.45, 0.02
HSL	355°, 94%, 74%
HSV	355°, 49%, 98%
XYZ	52.1705, 37.9720, 28.9313
YIQ	166.6180, 69.5020, 28.9740

Conversions

Conversions Part 2

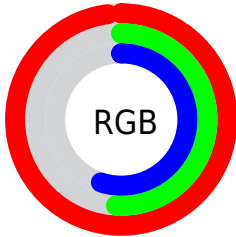
Format	Color
R _Y B	251, 129, 139
Decimal	16482699
CIE Lab	68.00, 47.32, 16.25
CIE LCh	68, 50.029, 18.954
Yxy	37.9720, 0.4381, 0.3189
Android (android.graphics.Color)	4294672779 (0xFFFB818B)
YUV	166.6180, -13.6157, 74.0030
Hunter-Lab	61.6215, 43.2858, 15.2984

Details

The CIELCh color **68, 50.029, 18.954** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92, 37.080, 188.979**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 27.485, 13.001**, and **48, 50.065, 19.316** is the 20% darker color. If you saturate the color by 10%, you get **63, 61.316, 21.454**, and if you desaturate by 10%, it is **74, 38.802, 17.007**.

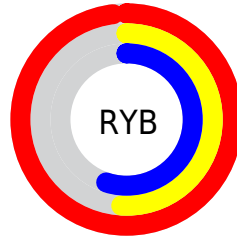
Distribution



Red (98%)

Green (51%)

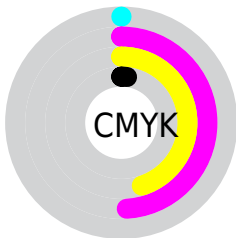
Blue (55%)



Red (98%)

Yellow (51%)

Blue (55%)

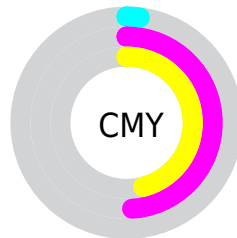


Cyan (0%)

Magenta (49%)

Yellow (45%)

Black (2%)



Cyan (2%)

Magenta (49%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 50.029, 18.954 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, 50.029, 18.954 by changing the saturation by 10% instead.

68, 50.029, 18.954

68, 50.029, 18.954

100, 50.029,
18.954

58, 50.029, 18.954

88, 50.029, 18.954

48, 50.029, 18.954

98, 50.029, 18.954

38, 50.029, 18.954

28, 50.029, 18.954

18, 50.029, 18.954

8, 50.029, 18.954

0, 50.029, 18.954

68, 50.029, 18.954

68, 50.029, 18.954

63, 61.316, 21.454

74, 38.802, 17.007

■ 59, 72.299, 24.624

■ 80, 27.933, 15.476

■ 56, 82.578, 28.511

■ 86, 17.598, 14.254

■ 54, 91.738, 32.904

■ 93, 7.881, 13.236

■ 53, 99.035, 37.033

■ 99, 1.198, 193.055

■ 52, 99.860, 37.467

■ 100, 1.469,
199.763

Harmonies

Complementary

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



68, 50.029, 18.954



92, 37.080, 188.979

Rectangle

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



68, 50.029, 18.954



68, 50.029, 68.954



68, 50.029, 198.954



68, 50.029, 248.954

Sweetspot

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



68, 50.026, 18.957



90, 14.182, 13.868



70, 73.653, 324.482



46, 9.745, 14.090



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, 50.026, 18.957



64, 61.434, 21.291



79, 41.360, 60.826



49, 5.188, 13.320



39, 79.966, 36.779



9, 31.629, 22.827

Inverse Universe

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



68, 50.026, 18.957



64, 61.434, 21.291



78, 33.093, 254.504



49, 5.188, 13.320



39, 79.966, 36.779



9, 31.629, 22.827

Previews

White Background



This preview shows how the CIELCh color 68, 50.029, 18.954 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, 50.029, 18.954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

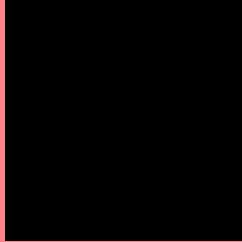
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 50.029, 18.954

Background



This preview shows how black text looks on a background with the CIELCh color 68, 50.029, 18.954.

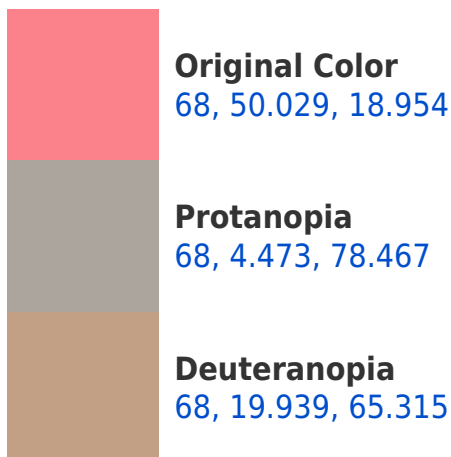


This preview shows how white text looks on a background with the CIELCh color 68, 50.029, 18.954.

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](#).

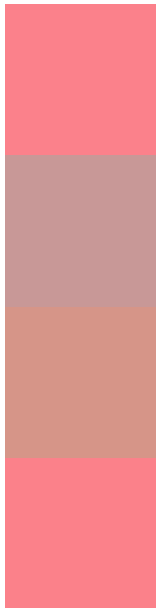
Dichromacy





Tritanopia
68, 50.112, 19.565

Trichromacy



Original Color
68, 50.029, 18.954

Protanomaly
67, 19.319, 22.826

Deuteranomaly
68, 28.285, 36.198

Tritanomaly
68, 50.112, 19.565

Monochromacy



Original Color
68, 50.029, 18.954

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 17.967, 14.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 50.029, 18.954 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(251, 129, 139)` looks like.

```
.text, #text, p{  
    color:rgb(251, 129, 139)  
}
```

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(251, 129, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 129, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 50.029, 18.954 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(251, 129, 139) }
```

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

```
.border{ border-color:rgb(251, 129, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 129, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 129, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 129, 139);  
box-shadow:4px 4px 4px 4px rgb(251, 129,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 50.029, 18.954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 129, 139) }
```

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

```
.background{ background-color: rgb(251,  
129, 139) }
```

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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