

Converting Colors

CIELCh(58, 68.275, 18.226)

Have a look what the booklet for
CIELCh(58, 68.275, 18.226) contains.

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Color

CIELCh(58, 68.112, 18.246)

Conversions

Conversions Part 1

Format	Color
Hex	F54F6A
RGB	245, 79, 106
RGB Percent	96%, 31%, 42%
CMY	0.0402, 0.6911, 0.5851
CMYK	0.00, 0.68, 0.57, 0.04
HSL	350°, 89%, 63%
HSV	350°, 68%, 96%
XYZ	42.9382, 25.9610, 16.3300
YIQ	131.7120, 90.2690, 43.5890

Conversions

Conversions Part 2

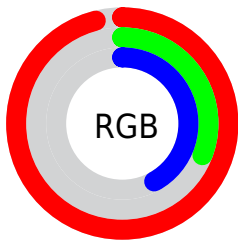
Format	Color
R_{YB}	245, 79, 106
Decimal	16076650
CIE _{Lab}	58.00, 64.69, 21.33
CIE _{LCh}	58, 68.112, 18.246
Yxy	25.9610, 0.5038, 0.3046
Android (android.graphics.Color)	4294266730 (0xFFFF54F6A)
YUV	131.7120, -12.6760, 99.3536
Hunter-Lab	50.9519, 61.2597, 16.6640

Details

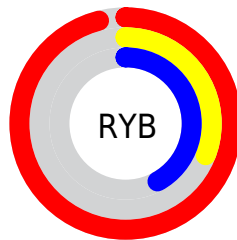
The CIELCh color **58, 68.112, 18.246** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **88, 48.564, 179.293**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 47.647, 11.832**, and **38, 67.318, 18.830** is the 20% darker color. If you saturate the color by 10%, you get **55, 77.140, 22.177**, and if you desaturate by 10%, it is **62, 58.177, 15.113**.

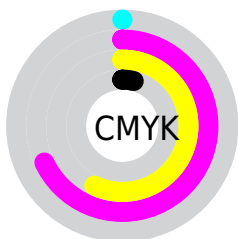
Distribution



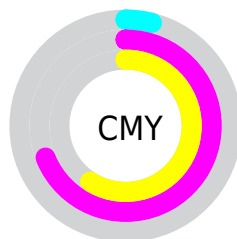
- Red (96%)
- Green (31%)
- Blue (42%)



- Red (96%)
- Yellow (31%)
- Blue (42%)



- Cyan (0%)
- Magenta (68%)
- Yellow (57%)
- Black (4%)



- Cyan (4%)
- Magenta (69%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 68.112, 18.246 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 58, 68.112, 18.246 by changing the saturation by 10% instead.

 58, 68.112, 18.246

 58, 68.112, 18.246

 100, 68.112,
18.246

 48, 68.112, 18.246

 78, 68.112, 18.246

 38, 68.112, 18.246

 88, 68.112, 18.246

 28, 68.112, 18.246

 98, 68.112, 18.246

 18, 68.112, 18.246

 8, 68.112, 18.246

 0, 68.112, 18.246

 58, 68.112, 18.246

 58, 68.112, 18.246

 55, 77.140, 22.177

 62, 58.177, 15.113

 53, 85.057, 26.892

 67, 47.717, 12.645

51, 91.831, 32.031

73, 37.118, 10.694

51, 93.237, 33.066

79, 26.694, 9.130

85, 16.651, 7.848

91, 7.099, 6.747

98, 1.920, 186.259

99, 3.544, 199.367

Harmonies

Complementary

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



58, 68.112, 18.246



88, 48.564, 179.293

Rectangle

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



58, 68.112, 18.246



58, 68.112, 68.246



58, 68.112, 198.246



58, 68.112, 248.246

Sweetspot

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



58, 68.109, 18.248



87, 19.444, 8.114



59, 94.700, 322.394



44, 13.366, 8.465



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 68.109, 18.248



56, 82.453, 23.682



67, 60.903, 51.585



48, 5.188, 6.925



39, 75.208, 32.130



8, 30.147, 18.346

Inverse Universe

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



58, 68.109, 18.248



56, 82.453, 23.682



73, 39.360, 248.435



48, 5.188, 6.925



39, 75.208, 32.130



8, 30.147, 18.346

Previews

White Background



This preview shows how the CIELCh color 58, 68.112, 18.246 looks on a white background.

Color Contrast Check

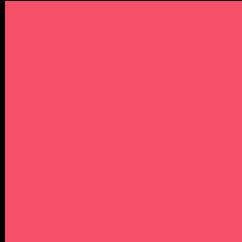
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 68.112, 18.246 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 × Fail

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

CIELCh 58, 68.112, 18.246

Background



This preview shows how black text looks on a background with the CIELCh color 58, 68.112, 18.246.

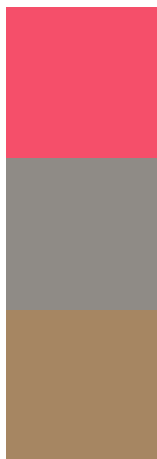


This preview shows how white text looks on a background with the CIELCh color 58, 68.112, 18.246.

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

58, 68.112, 18.246

Protanopia

58, 3.235, 80.344

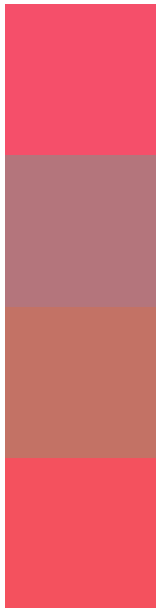
Deuteranopia

58, 25.043, 73.351



Tritanopia
58, 69.889, 27.430

Trichromacy



Original Color
58, 68.112, 18.246

Protanomaly
56, 26.502, 14.068

Deuteranomaly
57, 37.042, 34.551

Tritanomaly
58, 68.843, 24.119

Monochromacy



Original Color
58, 68.112, 18.246

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 25.516, 9.785

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 68.112, 18.246 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(245, 79, 106)` looks like.

```
.text, #text, p{  
    color:rgb(245, 79, 106)  
}
```

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(245, 79, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 79, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 68.112, 18.246 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(245, 79, 106) }
```

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

```
.border{ border-color:rgb(245, 79, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 79, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 79, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 79, 106);  
box-shadow:4px 4px 4px 4px rgb(245, 79,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 68.112, 18.246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 79, 106) }
```

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

```
.background{ background-color: rgb(245, 79,  
106) }
```

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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