

Converting Colors

CIELCh(67, 53.991, 15.030)

Have a look what the booklet for
CIELCh(67, 53.991, 15.030) contains.

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Color

CIELCh(67, 54.226, 15.244)

Conversions

Conversions Part 1

Format	Color
Hex	FE798C
RGB	254, 121, 140
RGB Percent	100%, 47%, 55%
CMY	0.0040, 0.5255, 0.4510
CMYK	0.00, 0.52, 0.45, 0.00
HSL	351°, 98%, 74%
HSV	351°, 52%, 100%
XYZ	52.4353, 36.6320, 29.1126
YIQ	162.9330, 73.1690, 34.1050

Conversions

Conversions Part 2

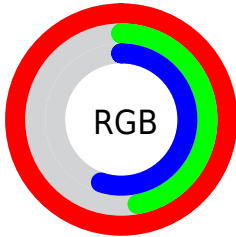
Format	Color
RYB	254, 121, 140
Decimal	16677260
CIELab	67.00, 52.32, 14.26
CIElCh	67, 54.226, 15.244
Yxy	36.6320, 0.4437, 0.3100
Android (android.graphics.Color)	4294867340 (0xFFFE798C)
YUV	162.9330, -11.3060, 79.8658
Hunter-Lab	60.5244, 48.7259, 13.8482

Details

The CIELCh color **67, 54.226, 15.244** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **92, 41.150, 182.926**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 30.778, 6.342**, and **47, 54.304, 15.223** is the 20% darker color. If you saturate the color by 10%, you get **62, 64.975, 18.019**, and if you desaturate by 10%, it is **72, 43.210, 13.068**.

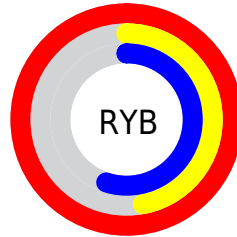
Distribution



Red (100%)

Green (47%)

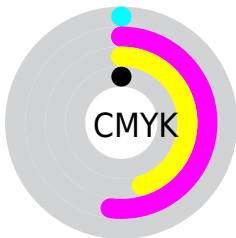
Blue (55%)



Red (100%)

Yellow (47%)

Blue (55%)

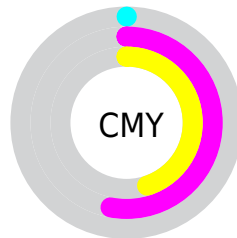


Cyan (0%)

Magenta (52%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 54.226, 15.244 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, 54.226, 15.244 by changing the saturation by 10% instead.

67, 54.226, 15.244

67, 54.226, 15.244

100, 54.226,
15.244

57, 54.226, 15.244

87, 54.226, 15.244

47, 54.226, 15.244

97, 54.226, 15.244

37, 54.226, 15.244

27, 54.226, 15.244

17, 54.226, 15.244

7, 54.226, 15.244

0, 54.226, 15.244

67, 54.226, 15.244

67, 54.226, 15.244

62, 64.975, 18.019

72, 43.210, 13.068

■ 58, 75.062, 21.525

■ 78, 32.295, 11.342

■ 56, 84.155, 25.826

■ 85, 21.731, 9.950

■ 54, 92.067, 30.737

■ 91, 11.666, 8.795

■ 53, 97.283, 34.419

■ 98, 2.164, 7.618

100, 0.353,
201.261

Harmonies

Complementary

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



67, 54.226, 15.244



92, 41.150, 182.926

Rectangle

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



67, 54.226, 15.244



67, 54.226, 65.244



67, 54.226, 195.244



67, 54.226, 245.244

Sweetspot

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



67, 54.223, 15.247



89, 15.314, 9.195



68, 78.742, 322.566



46, 10.402, 9.430



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, 54.223, 15.247



62, 65.856, 18.224



76, 45.867, 53.826



50, 5.337, 8.493



40, 77.846, 33.531



10, 32.323, 21.322

Inverse Universe

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



67, 54.223, 15.247



62, 65.856, 18.224



80, 33.664, 246.225



50, 5.337, 8.493



40, 77.846, 33.531



10, 32.323, 21.322

Previews

White Background



This preview shows how the CIELCh color 67, 54.226, 15.244 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, 54.226, 15.244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

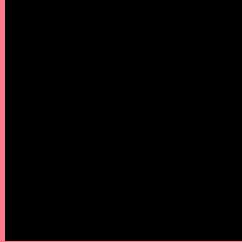
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 54.226, 15.244

Background



This preview shows how black text looks on a background with the CIELCh color 67, 54.226, 15.244.



This preview shows how white text looks on a background with the CIELCh color 67, 54.226, 15.244.

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

67, 54.226, 15.244

Protanopia

67, 1.617, 39.123

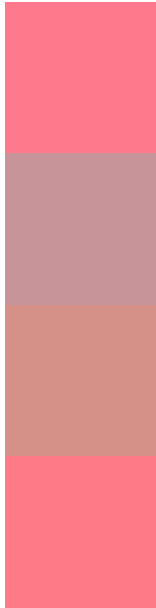
Deuteranopia

67, 18.478, 63.004



Tritanopia
67, 53.788, 21.104

Trichromacy



Original Color
67, 54.226, 15.244

Protanomaly
66, 20.539, 12.270

Deuteranomaly
66, 29.232, 30.659

Tritanomaly
67, 53.857, 18.967

Monochromacy



Original Color
67, 54.226, 15.244

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 19.387, 9.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 54.226, 15.244 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(254, 121, 140)` looks like.

```
.text, #text, p{  
    color:rgb(254, 121, 140)  
}
```

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(254, 121, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 121, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 54.226, 15.244 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(254, 121, 140) }
```

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

```
.border{ border-color:rgb(254, 121, 140) }
```

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

Here you see how a box with a 4 pixel rgb(254, 121, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 121, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 121, 140);  
box-shadow:4px 4px 4px 4px rgb(254, 121,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 54.226, 15.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 121, 140) }
```

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

```
.background{ background-color: rgb(254,  
121, 140) }
```

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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