

Converting Colors

CIELCh(76, 76.626, 18.592)

Have a look what the booklet for
CIELCh(76, 76.626, 18.592) contains.

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Color

CIELCh(67, 54.835, 11.592)

Conversions

Conversions Part 1

Format	Color
Hex	FF7892
RGB	255, 120, 146
RGB Percent	100%, 47%, 57%
CMY	0.0012, 0.5305, 0.4285
CMYK	0.00, 0.53, 0.43, 0.00
HSL	348°, 100%, 73%
HSV	348°, 53%, 100%
XYZ	52.9736, 36.6320, 31.3638
YIQ	163.3290, 72.1140, 36.7060

Conversions

Conversions Part 2

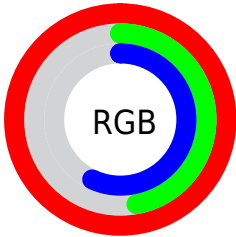
Format	Color
R _Y B	255, 120, 146
Decimal	16742546
CIE Lab	67.00, 53.72, 11.02
CIE LCh	67, 54.835, 11.592
Yxy	36.6320, 0.4379, 0.3028
Android (android.graphics.Color)	4294932626 (0xFFFF7892)
YUV	163.3290, -8.5432, 80.3955
Hunter-Lab	60.5244, 50.3134, 11.6429

Details

The CIELCh color **67, 54.835, 11.592** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **92, 43.179, 178.460**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 32.109, 359.193**, and **47, 54.721, 11.428** is the 20% darker color. If you saturate the color by 10%, you get **62, 65.149, 14.378**, and if you desaturate by 10%, it is **72, 44.066, 9.399**.

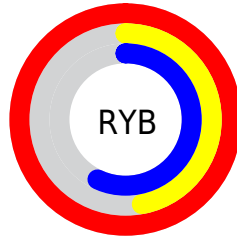
Distribution



Red (100%)

Green (47%)

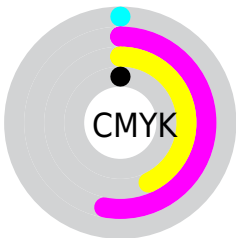
Blue (57%)



Red (100%)

Yellow (47%)

Blue (57%)

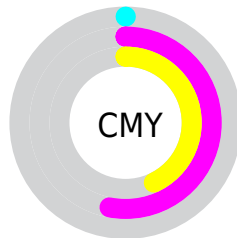


Cyan (0%)

Magenta (53%)

Yellow (43%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 54.835, 11.592 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, 54.835, 11.592 by changing the saturation by 10% instead.

67, 54.835, 11.592

67, 54.835, 11.592

100, 54.835,
11.592

57, 54.835, 11.592

87, 54.835, 11.592

47, 54.835, 11.592

97, 54.835, 11.592

37, 54.835, 11.592

27, 54.835, 11.592

17, 54.835, 11.592

7, 54.835, 11.592

0, 54.835, 11.592

67, 54.835, 11.592

67, 54.835, 11.592

62, 65.149, 14.378

72, 44.066, 9.399

■ 58, 74.593, 17.907

■ 78, 33.245, 7.645

■ 56, 82.854, 22.285

■ 85, 22.656, 6.217

■ 54, 89.884, 27.424

■ 91, 12.478, 5.020

■ 53, 94.280, 31.143

■ 98, 2.798, 3.858

100, 0.110,
205.454

Harmonies

Complementary

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



67, 54.835, 11.592



92, 43.179, 178.460

Rectangle

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



67, 54.835, 11.592



67, 54.835, 61.592



67, 54.835, 191.592



67, 54.835, 241.592

Sweetspot

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



67, 54.832, 11.594



89, 15.507, 5.361



67, 79.253, 321.036



46, 10.525, 5.603



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, 54.832, 11.594



62, 66.215, 14.699



75, 47.325, 48.983



50, 5.416, 4.637



40, 75.306, 30.137



10, 32.027, 19.095

Inverse Universe

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



67, 54.832, 11.594



62, 66.215, 14.699



81, 33.124, 238.863



50, 5.416, 4.637



40, 75.306, 30.137



10, 32.027, 19.095

Previews

White Background



This preview shows how the CIELCh color 67, 54.835, 11.592 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, 54.835, 11.592 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, 54.835, 11.592

Background



This preview shows how black text looks on a background with the CIELCh color 67, 54.835, 11.592.

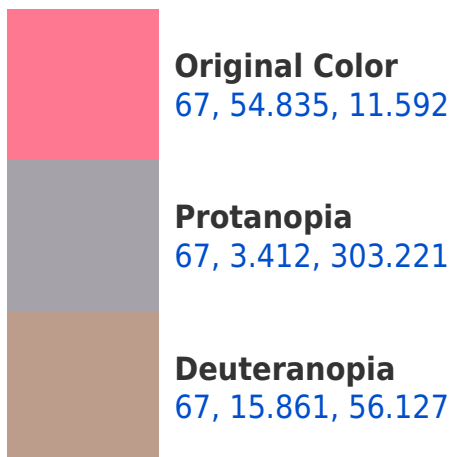


This preview shows how white text looks on a background with the CIELCh color 67, 54.835, 11.592.

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



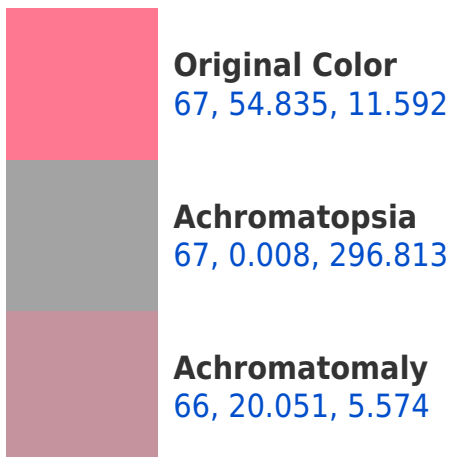


Tritanopia
67, 54.545, 20.755

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 54.835, 11.592 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(255, 120, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 146)  
}
```

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(255, 120, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 54.835, 11.592 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(255, 120, 146) }
```

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

```
.border{ border-color:rgb(255, 120, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 120, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 120, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 120, 146); box-shadow:4px 4px 4px 4px rgb(255, 120, 146) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 54.835, 11.592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 146) }
```

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

```
.background{ background-color: rgb(255,  
120, 146) }
```

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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