

Converting Colors

CIELCh(68, 58.083, 18.315)

Have a look what the booklet for
CIELCh(68, 58.083, 18.315) contains.

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Color

CIELCh(67, 55.233, 17.234)

Conversions

Conversions Part 1

Format	Color
Hex	FF7888
RGB	255, 120, 136
RGB Percent	100%, 47%, 53%
CMY	0.0000, 0.5281, 0.4654
CMYK	0.00, 0.53, 0.47, 0.00
HSL	353°, 100%, 74%
HSV	353°, 53%, 100%
XYZ	52.6024, 36.6320, 27.7079
YIQ	162.1890, 75.3240, 33.5960

Conversions

Conversions Part 2

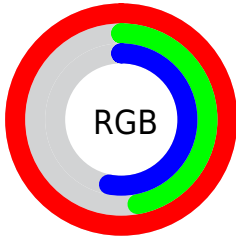
Format	Color
R _Y B	255, 120, 136
Decimal	16742536
CIE Lab	67.00, 52.75, 16.36
CIE LCh	67, 55.233, 17.234
Yxy	36.6320, 0.4498, 0.3132
Android (android.graphics.Color)	4294932616 (0xFFFF7888)
YUV	162.1890, -12.9112, 81.3952
Hunter-Lab	60.5244, 49.2187, 15.2242

Details

The CIELCh color **67, 55.233, 17.234** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **92, 40.870, 185.123**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 30.984, 9.472**, and **47, 55.376, 17.483** is the 20% darker color. If you saturate the color by 10%, you get **62, 66.076, 19.993**, and if you desaturate by 10%, it is **72, 43.887, 14.998**.

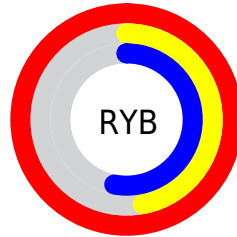
Distribution



Red (100%)

Green (47%)

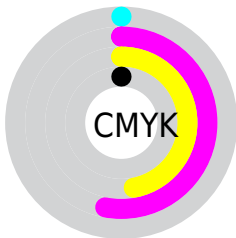
Blue (53%)



Red (100%)

Yellow (47%)

Blue (53%)

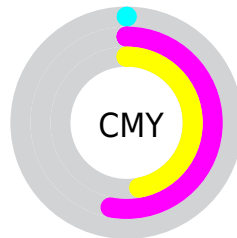


Cyan (0%)

Magenta (53%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 55.233, 17.234 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, 55.233, 17.234 by changing the saturation by 10% instead.

 67, 55.233, 17.234

 67, 55.233, 17.234

 100, 55.233,
17.234

 57, 55.233, 17.234

 87, 55.233, 17.234

 47, 55.233, 17.234

 97, 55.233, 17.234

 37, 55.233, 17.234

 27, 55.233, 17.234

 17, 55.233, 17.234

 7, 55.233, 17.234

 0, 55.233, 17.234

 67, 55.233, 17.234

 67, 55.233, 17.234

 62, 66.076, 19.993

 72, 43.887, 14.998

■ 58, 76.468, 23.525

■ 78, 32.841, 13.267

■ 56, 85.917, 27.809

■ 85, 22.193, 11.882

■ 54, 94.134, 32.576

■ 91, 12.082, 10.743

■ 53, 99.100, 35.786

■ 98, 2.566, 9.628

100, 0.012,
296.813

Harmonies

Complementary

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



67, 55.233, 17.234



92, 40.870, 185.123

Rectangle

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



67, 55.233, 17.234



67, 55.233, 67.234



67, 55.233, 197.234



67, 55.233, 247.234

Sweetspot

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



67, 55.082, 17.193



89, 15.247, 11.086



69, 79.783, 323.096



46, 10.360, 11.317



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, 55.082, 17.193



62, 66.284, 20.054



77, 46.325, 55.439



50, 5.308, 10.401



40, 79.070, 34.962



10, 32.477, 22.340

Inverse Universe

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



67, 55.082, 17.193



62, 66.284, 20.054



79, 34.441, 248.772



50, 5.308, 10.401



40, 79.070, 34.962



10, 32.477, 22.340

Previews

White Background



This preview shows how the CIELCh color 67, 55.233, 17.234 looks on a white background.

Color Contrast Check

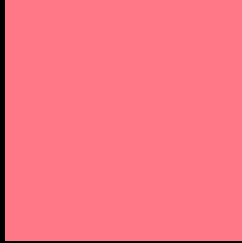
Large Text (above 18pt) WCAG AA × Fail

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, 55.233, 17.234 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, 55.233, 17.234

Background



This preview shows how black text looks on a background with the CIELCh color 67, 55.233, 17.234.



This preview shows how white text looks on a background with the CIELCh color 67, 55.233, 17.234.

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, 55.408, 20.971

Trichromacy



Original Color
67, 55.233, 17.234



Protanomaly
66, 20.941, 16.988



Deuteranomaly
66, 30.391, 34.469



Tritanomaly
67, 55.201, 19.867

Monochromacy



Original Color
67, 55.233, 17.234



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 19.761, 11.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 55.233, 17.234 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, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 136)  
}
```

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, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 55.233, 17.234 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, 136) }
```

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

```
.border{ border-color:rgb(255, 120, 136) }
```

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, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 55.233, 17.234 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, 136) }
```

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

```
.background{ background-color: rgb(255,  
120, 136) }
```

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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