

Converting Colors

CIELCh(67, 54.867, 23.011)

Have a look what the booklet for
CIELCh(67, 54.867, 23.011) contains.

CIELCh(67, 55.016, 22.971)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(67, 55.016, 22.971)

Conversions

Conversions Part 1

Format	Color
Hex	FE7A7F
RGB	254, 122, 127
RGB Percent	100%, 48%, 50%
CMY	0.0029, 0.5206, 0.5011
CMYK	0.00, 0.52, 0.50, 0.00
HSL	358°, 99%, 74%
HSV	358°, 52%, 100%
XYZ	51.7993, 36.6320, 24.4918
YIQ	162.0380, 77.0670, 29.5390

Conversions

Conversions Part 2

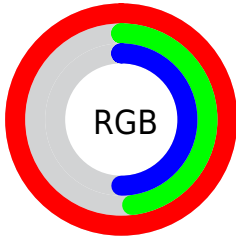
Format	Color
RYB	254, 122, 127
Decimal	16677503
CIELab	67.00, 50.65, 21.47
CIELCh	67, 55.016, 22.971
Yxy	36.6320, 0.4587, 0.3244
Android (android.graphics.Color)	4294867583 (0xFFFE7A7F)
YUV	162.0380, -17.2737, 80.6507
Hunter-Lab	60.5244, 46.8502, 18.3748

Details

The CIELCh color **67, 55.016, 22.971** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **93, 38.479, 193.164**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 30.520, 19.095**, and **47, 55.068, 23.134** is the 20% darker color. If you saturate the color by 10%, you get **62, 66.835, 25.612**, and if you desaturate by 10%, it is **73, 43.273, 20.922**.

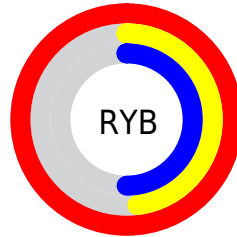
Distribution



Red (100%)

Green (48%)

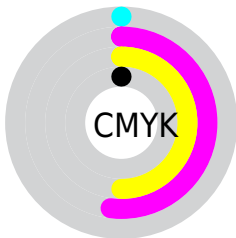
Blue (50%)



Red (100%)

Yellow (48%)

Blue (50%)

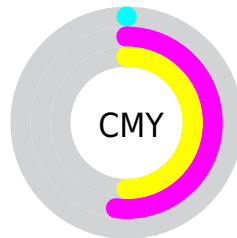


Cyan (0%)

Magenta (52%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (52%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 55.016, 22.971 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, 55.016, 22.971 by changing the saturation by 10% instead.

67, 55.016, 22.971

67, 55.016, 22.971

100, 55.016,
22.971

57, 55.016, 22.971

87, 55.016, 22.971

47, 55.016, 22.971

97, 55.016, 22.971

37, 55.016, 22.971

27, 55.016, 22.971

17, 55.016, 22.971

7, 55.016, 22.971

0, 55.016, 22.971

67, 55.016, 22.971

67, 55.016, 22.971

62, 66.835, 25.612

73, 43.273, 20.922

■ 58, 78.334, 28.916

■ 79, 31.925, 19.335

■ 55, 89.011, 32.787

■ 85, 21.168, 18.098

■ 54, 97.998, 36.692

■ 92, 11.095, 17.108

■ 53, 102.897,
38.975

■ 98, 1.727, 16.024

100, 0.258,
201.961

Harmonies

Complementary

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



67, 55.016, 22.971



93, 38.479, 193.164

Rectangle

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



67, 55.016, 22.971



67, 55.016, 72.971



67, 55.016, 202.971



67, 55.016, 252.971

Sweetspot

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



67, 55.013, 22.974



89, 15.151, 17.489



70, 79.412, 325.626



46, 10.307, 17.692



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, 55.013, 22.974



62, 67.082, 25.637



80, 45.167, 63.854



49, 5.255, 16.892



40, 82.599, 38.552



10, 33.060, 25.667

Inverse Universe

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



67, 55.013, 22.974



62, 67.082, 25.637



76, 36.785, 259.727



49, 5.255, 16.892



40, 82.599, 38.552



10, 33.060, 25.667

Previews

White Background



This preview shows how the CIELCh color 67, 55.016, 22.971 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, 55.016, 22.971 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, 55.016, 22.971

Background



This preview shows how black text looks on a background with the CIELCh color 67, 55.016, 22.971.



This preview shows how white text looks on a background with the CIELCh color 67, 55.016, 22.971.

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, 55.016, 22.971

Protanopia

67, 9.215, 91.715

Deuteranopia

67, 25.276, 70.799



Tritanopia
67, 54.654, 21.313

Trichromacy



Original Color
67, 55.016, 22.971



Protanomaly
66, 22.373, 32.631



Deuteranomaly
66, 32.972, 42.178



Tritanomaly
67, 54.769, 21.868

Monochromacy



Original Color
67, 55.016, 22.971



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 19.319, 19.656

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 55.016, 22.971 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, 122, 127)` looks like.

```
.text, #text, p{  
    color:rgb(254, 122, 127)  
}
```

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, 122, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 122, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 55.016, 22.971 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, 122, 127) }
```

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

```
.border{ border-color:rgb(254, 122, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 122, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 122, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 122, 127);  
box-shadow:4px 4px 4px 4px rgb(254, 122,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 55.016, 22.971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 122, 127) }
```

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

```
.background{ background-color: rgb(254,  
122, 127) }
```

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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