

Converting Colors

CIELCh(67, 56.068, 9.986)

Have a look what the booklet for
CIELCh(67, 56.068, 9.986) contains.

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Color

CIELCh(67, 55.661, 9.766)

Conversions

Conversions Part 1

Format	Color
Hex	FF7795
RGB	255, 119, 149
RGB Percent	100%, 47%, 58%
CMY	0.0000, 0.5350, 0.4175
CMYK	0.00, 0.53, 0.42, 0.00
HSL	347°, 100%, 73%
HSV	347°, 53%, 100%
XYZ	53.4143, 36.6320, 32.5008
YIQ	163.0840, 71.4260, 38.1620

Conversions

Conversions Part 2

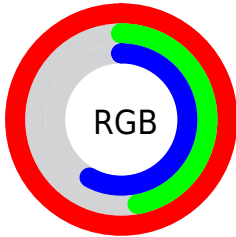
Format	Color
R _Y B	255, 119, 149
Decimal	16742293
CIE Lab	67.00, 54.85, 9.44
CIE LCh	67, 55.661, 9.766
Yxy	36.6320, 0.4359, 0.2989
Android (android.graphics.Color)	4294932373 (0xFFFF7795)
YUV	163.0840, -6.9434, 80.6103
Hunter-Lab	60.5244, 51.6131, 10.5291

Details

The CIELCh color **67, 55.661, 9.766** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **92, 44.483, 176.150**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 33.143, 356.048**, and **47, 55.032, 9.309** is the 20% darker color. If you saturate the color by 10%, you get **62, 65.507, 12.437**, and if you desaturate by 10%, it is **72, 44.780, 7.462**.

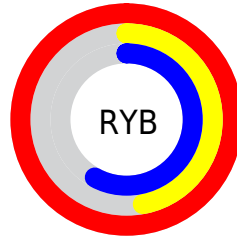
Distribution



Red (100%)

Green (47%)

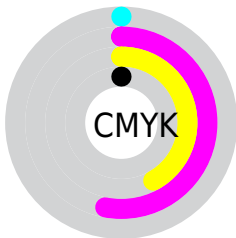
Blue (58%)



Red (100%)

Yellow (47%)

Blue (58%)

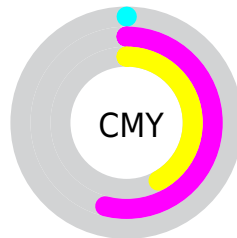


Cyan (0%)

Magenta (53%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (54%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 55.661, 9.766 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, 55.661, 9.766 by changing the saturation by 10% instead.

 67, 55.661, 9.766  67, 55.661, 9.766

 100, 55.661, 9.766  57, 55.661, 9.766

 87, 55.661, 9.766  47, 55.661, 9.766


 97, 55.661, 9.766  37, 55.661, 9.766

 27, 55.661, 9.766

 17, 55.661, 9.766

 7, 55.661, 9.766

 0, 55.661, 9.766

 67, 55.661, 9.766  67, 55.661, 9.766

 62, 65.507, 12.437  72, 44.780, 7.462

■ 58, 74.595, 15.964

■ 78, 33.993, 5.702

■ 56, 82.384, 20.361

■ 84, 23.372, 4.261

■ 54, 88.880, 25.578

■ 91, 13.111, 3.049

■ 54, 92.678, 29.136

■ 98, 3.313, 1.902

100, 0.012,
296.813

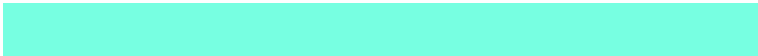
Harmonies

Complementary

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



67, 55.661, 9.766



92, 44.483, 176.150

Rectangle

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



67, 55.661, 9.766



67, 55.661, 59.766



67, 55.661, 189.766



67, 55.661, 239.766

Sweetspot

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



67, 55.422, 9.658



89, 15.640, 3.336



67, 79.707, 320.016



46, 10.612, 3.580



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, 55.422, 9.658



62, 65.992, 12.596



74, 48.576, 45.895



50, 5.468, 2.607



40, 73.997, 28.087



10, 31.869, 17.713

Inverse Universe

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



67, 55.422, 9.658



62, 65.992, 12.596



83, 33.072, 233.817



50, 5.468, 2.607



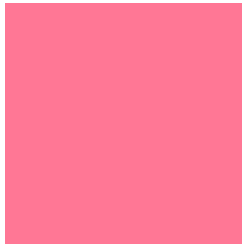
40, 73.997, 28.087



10, 31.869, 17.713

Previews

White Background



This preview shows how the CIELCh color 67, 55.661, 9.766 looks on a white background.

Color Contrast Check

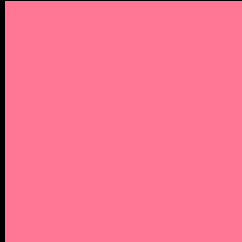
Large Text (above 18pt) WCAG AA × Fail

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, 55.661, 9.766 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, 55.661, 9.766

Background



This preview shows how black text looks on a background with the CIELCh color 67, 55.661, 9.766.

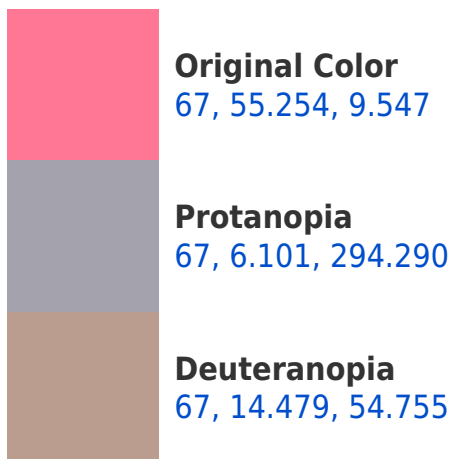


This preview shows how white text looks on a background with the CIELCh color 67, 55.661, 9.766.

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](#).

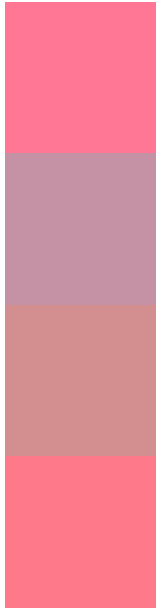
Dichromacy





Tritanopia
67, 54.654, 21.313

Trichromacy



Original Color
67, 55.254, 9.547

Protanomaly
66, 21.716, 354.549

Deuteranomaly
66, 27.791, 21.078

Tritanomaly
67, 54.397, 16.954

Monochromacy



Original Color
67, 55.254, 9.547

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 20.162, 4.050

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 55.661, 9.766 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, 119, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 119, 149)  
}
```

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, 119, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 119, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 55.661, 9.766 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, 119, 149) }
```

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

```
.border{ border-color:rgb(255, 119, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 119, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 119, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 119, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 119,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 55.661, 9.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 119, 149) }
```

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

```
.background{ background-color: rgb(255,  
119, 149) }
```

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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