

Converting Colors

CIELCh(70, 63.746, 4.595)

Have a look what the booklet for
CIELCh(70, 63.746, 4.595) contains.

CIELCh(67, 57.032, 0.704)	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, 57.032, 0.704)

Conversions

Conversions Part 1

Format	Color
Hex	FF75A4
RGB	255, 117, 164
RGB Percent	100%, 46%, 64%
CMY	0.0003, 0.5414, 0.3571
CMYK	0.00, 0.54, 0.36, 0.00
HSL	340°, 100%, 73%
HSV	340°, 54%, 100%
XYZ	54.2627, 36.6320, 39.3029
YIQ	163.6200, 67.1610, 43.8730

Conversions

Conversions Part 2

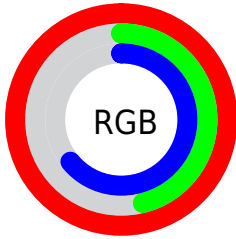
Format	Color
RYB	255, 117, 164
Decimal	16741796
CIELab	67.00, 57.03, 0.70
CIElCh	67, 57.032, 0.704
Yxy	36.6320, 0.4168, 0.2814
Android (android.graphics.Color)	4294931876 (0xFFFF75A4)
YUV	163.6200, 0.1873, 80.1403
Hunter-Lab	60.5244, 54.1154, 3.8657

Details

The CIELCh color $67, 57.032, 0.704$ is a light color, and the websafe version is hex FF6699 . A complement of this color would be $92, 49.795, 167.078$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 38.136, 343.353$, and $47, 57.037, 1.113$ is the 20% darker color. If you saturate the color by 10%, you get $62, 66.365, 3.197$, and if you desaturate by 10%, it is $72, 46.740, 358.715$.

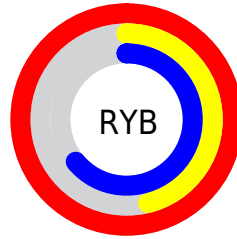
Distribution



Red (100%)

Green (46%)

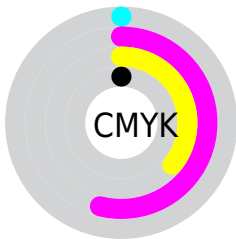
Blue (64%)



Red (100%)

Yellow (46%)

Blue (64%)

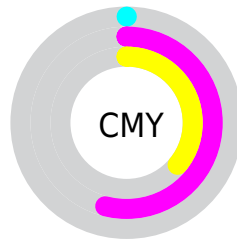


Cyan (0%)

Magenta (54%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (54%)

Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 57.032, 0.704 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, 57.032, 0.704 by changing the saturation by 10% instead.

 67, 57.032, 0.704  67, 57.032, 0.704

 100, 57.032, 0.704  57, 57.032, 0.704

 87, 57.032, 0.704  47, 57.032, 0.704


 97, 57.032, 0.704  37, 57.032, 0.704

 27, 57.032, 0.704

 17, 57.032, 0.704

 7, 57.032, 0.704

 0, 57.032, 0.704

 67, 57.032, 0.704  67, 57.032, 0.704

 62, 66.365, 3.197  72, 46.740,

■ 59, 74.235, 6.359 358.715

■ 56, 80.283, 10.372 ■ 78, 35.991,
357.088

■ 54, 84.555, 15.346

■ 84, 25.158,
355.727

■ 54, 86.608, 18.586

■ 91, 14.498,
354.555

■ 97, 4.159, 353.457

100, 0.026,
225.852

Harmonies

Complementary

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



67, 57.032, 0.704



92, 49.795, 167.078

Rectangle

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



67, 57.032, 0.704



67, 57.032, 50.704



67, 57.032, 180.704



67, 57.032, 230.704

Sweetspot

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



67, 57.028, 0.706



89, 16.477, 354.763



64, 79.639, 316.418



46, 11.162, 354.997



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, 57.028, 0.706



62, 67.132, 3.443



70, 52.612, 36.155



50, 5.787, 354.056



40, 69.463, 17.513



10, 31.329, 9.743

Inverse Universe

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



67, 57.028, 0.706



62, 67.132, 3.443



87, 34.165, 216.119



50, 5.787, 354.056



40, 69.463, 17.513



10, 31.329, 9.743

Previews

White Background



This preview shows how the CIELCh color 67, 57.032, 0.704 looks on a white background.

Color Contrast Check

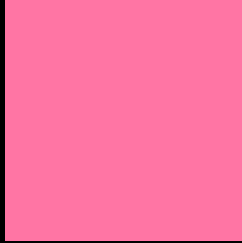
Large Text (above 18pt) WCAG AA × Fail

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, 57.032, 0.704 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, 57.032, 0.704

Background



This preview shows how black text looks on a background with the CIELCh color 67, 57.032, 0.704.

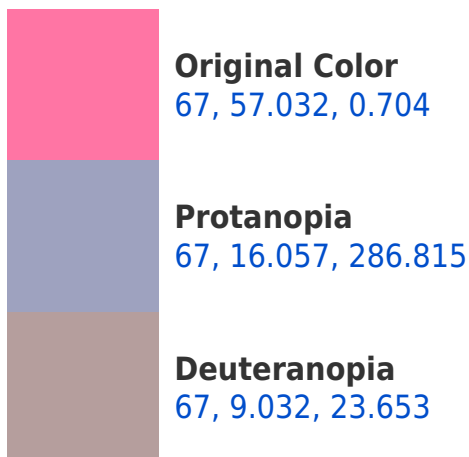


This preview shows how white text looks on a background with the CIELCh color 67, 57.032, 0.704.

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, 53.281, 20.449

Trichromacy



Original Color
67, 57.032, 0.704

Protanomaly
66, 26.059, 334.167

Deuteranomaly
66, 27.058, 2.211

Tritanomaly
67, 53.706, 12.803

Monochromacy



Original Color
67, 57.032, 0.704

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 21.488, 355.876

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 57.032, 0.704 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, 117, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 164)  
}
```

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, 117, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 57.032, 0.704 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, 117, 164) }
```

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

```
.border{ border-color:rgb(255, 117, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 117, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 57.032, 0.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 164) }
```

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

```
.background{ background-color: rgb(255,  
117, 164) }
```

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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