

Converting Colors

CIELCh(67, 47.636, 3.513)

Have a look what the booklet for
CIELCh(67, 47.636, 3.513) contains.

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Color

CIELCh(67, 47.548, 3.217)

Conversions

Conversions Part 1

Format	Color
Hex	F27FA0
RGB	242, 127, 160
RGB Percent	95%, 50%, 63%
CMY	0.0506, 0.5016, 0.3722
CMYK	0.00, 0.48, 0.34, 0.05
HSL	343°, 82%, 72%
HSV	343°, 48%, 95%
XYZ	50.5986, 36.6320, 37.6962
YIQ	165.1470, 57.9470, 34.6430

Conversions

Conversions Part 2

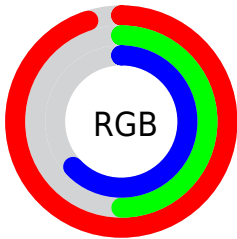
Format	Color
R_{YB}	242, 127, 160
Decimal	15892384
CIE _{Lab}	67.00, 47.47, 2.67
CIE _{LCh}	67, 47.548, 3.217
Yxy	36.6320, 0.4050, 0.2932
Android (android.graphics.Color)	4294082464 (0xFFFF27FA0)
YUV	165.1470, -2.5375, 67.4001
Hunter-Lab	60.5244, 43.3091, 5.4396

Details

The CIELCh color $67, 47.548, 3.217$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $88, 40.868, 171.775$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 31.775, 349.137$, and $47, 47.475, 3.153$ is the 20% darker color. If you saturate the color by 10%, you get $62, 57.309, 5.489$, and if you desaturate by 10%, it is $72, 37.325, 1.393$.

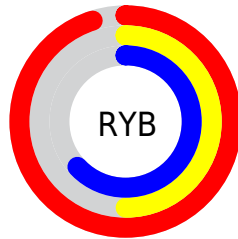
Distribution



Red (95%)

Green (50%)

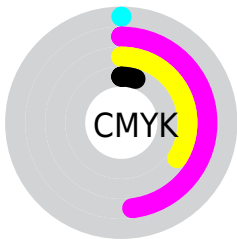
Blue (63%)



Red (95%)

Yellow (50%)

Blue (63%)

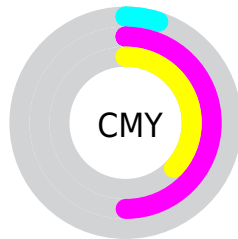


Cyan (0%)

Magenta (48%)

Yellow (34%)

Black (5%)



Cyan (5%)

Magenta (50%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 47.548, 3.217 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, 47.548, 3.217 by changing the saturation by 10% instead.

 67, 47.548, 3.217  67, 47.548, 3.217

 100, 47.548, 3.217  57, 47.548, 3.217

 87, 47.548, 3.217  47, 47.548, 3.217


 97, 47.548, 3.217  37, 47.548, 3.217

 27, 47.548, 3.217

 17, 47.548, 3.217

 7, 47.548, 3.217

 0, 47.548, 3.217

 67, 47.548, 3.217  67, 47.548, 3.217

 62, 57.309, 5.489  72, 37.325, 1.393

■ 58, 66.160, 8.358

■ 78, 27.021,
359.892

■ 55, 73.668, 12.001

■ 84, 16.893,
358.626

■ 52, 79.624, 16.556

■ 51, 84.259, 21.981

■ 91, 7.094, 357.510

■ 51, 85.394, 23.353

■ 97, 2.298, 176.900

■ 99, 4.453, 199.272

Harmonies

Complementary

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



67, 47.548, 3.217



88, 40.868, 171.775

Rectangle

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



67, 47.548, 3.217



67, 47.548, 53.217



67, 47.548, 183.217



67, 47.548, 233.217

Sweetspot

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



67, 47.545, 3.219



91, 13.994, 358.228



66, 67.724, 317.741



47, 9.704, 358.475



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, 47.545, 3.219



65, 59.271, 5.402



71, 41.795, 39.747



47, 5.350, 357.725



39, 68.948, 22.258



8, 28.799, 11.077

Inverse Universe

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



67, 47.545, 3.219



65, 59.271, 5.402



83, 29.190, 222.633



47, 5.350, 357.725



39, 68.948, 22.258



8, 28.799, 11.077

Previews

White Background



This preview shows how the CIELCh color 67, 47.548, 3.217 looks on a white background.

Color Contrast Check

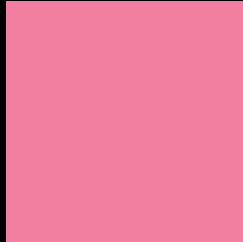
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 67, 47.548, 3.217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

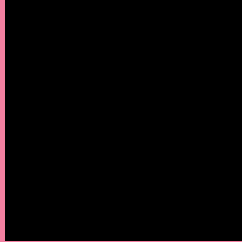
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 47.548, 3.217

Background



This preview shows how black text looks on a background with the CIELCh color 67, 47.548, 3.217.



This preview shows how white text looks on a background with the CIELCh color 67, 47.548, 3.217.

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, 47.548, 3.217

Protanopia

67, 10.504, 289.291

Deuteranopia

67, 9.605, 30.048



Tritanopia
67, 44.752, 18.212

Trichromacy



Original Color
67, 47.548, 3.217



Protanomaly
66, 20.416, 341.035



Deuteranomaly
67, 23.168, 8.148



Tritanomaly
67, 45.289, 13.000

Monochromacy



Original Color
67, 47.548, 3.217



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 17.595, 359.186

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 47.548, 3.217 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(242, 127, 160)` looks like.

```
.text, #text, p{  
    color:rgb(242, 127, 160)  
}
```

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(242, 127, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 127, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 47.548, 3.217 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(242, 127, 160) }
```

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

```
.border{ border-color:rgb(242, 127, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 127, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 127, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 127, 160);  
box-shadow:4px 4px 4px 4px rgb(242, 127,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 47.548, 3.217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 127, 160) }
```

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

```
.background{ background-color: rgb(242,  
127, 160) }
```

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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