

Converting Colors

CIELCh(67, 53.274, 5.262)

Have a look what the booklet for
CIELCh(67, 53.274, 5.262) contains.

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Color

CIELCh(67, 53.202, 5.477)

Conversions

Conversions Part 1

Format	Color
Hex	FB799C
RGB	251, 121, 156
RGB Percent	98%, 47%, 61%
CMY	0.0153, 0.5251, 0.3879
CMYK	0.00, 0.52, 0.38, 0.02
HSL	344°, 94%, 73%
HSV	344°, 52%, 98%
XYZ	52.6816, 36.6320, 35.7889
YIQ	163.8600, 66.2450, 38.4450

Conversions

Conversions Part 2

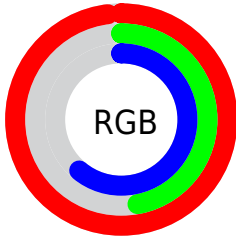
Format	Color
RYB	251, 121, 156
Decimal	16480668
CIELab	67.00, 52.96, 5.08
CIElCh	67, 53.202, 5.477
Yxy	36.6320, 0.4211, 0.2928
Android (android.graphics.Color)	4294670748 (0xFFFB799C)
YUV	163.8600, -3.8750, 76.4218
Hunter-Lab	60.5244, 49.4523, 7.3080

Details

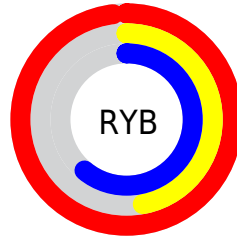
The CIELCh color **67, 53.202, 5.477** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **91, 44.579, 172.502**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 33.457, 351.163**, and **47, 53.350, 5.463** is the 20% darker color. If you saturate the color by 10%, you get **62, 62.993, 8.041**, and if you desaturate by 10%, it is **72, 42.784, 3.440**.

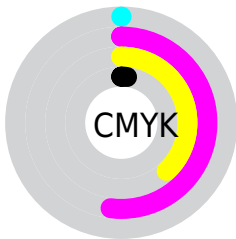
Distribution



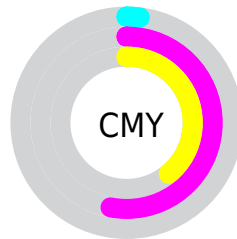
- Red (98%)
- Green (47%)
- Blue (61%)



- Red (98%)
- Yellow (47%)
- Blue (61%)



- Cyan (0%)
- Magenta (52%)
- Yellow (38%)
- Black (2%)



- Cyan (2%)
- Magenta (53%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 53.202, 5.477 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, 53.202, 5.477 by changing the saturation by 10% instead.

 67, 53.202, 5.477

 67, 53.202, 5.477

 100, 53.202, 5.477

 57, 53.202, 5.477

 87, 53.202, 5.477

 47, 53.202, 5.477

 97, 53.202, 5.477

 37, 53.202, 5.477

 27, 53.202, 5.477

 17, 53.202, 5.477

 7, 53.202, 5.477

 0, 53.202, 5.477

 67, 53.202, 5.477

 67, 53.202, 5.477

 62, 62.993, 8.041

 72, 42.784, 3.440

■ 58, 71.699, 11.293

■ 78, 32.171, 1.786

■ 55, 78.955, 15.401

■ 84, 21.669, 0.413

■ 54, 84.720, 20.430

■ 91, 11.474,
359.238

■ 53, 88.755, 25.029

■ 97, 1.692, 357.956

■ 100, 1.351,
199.810

Harmonies

Complementary

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



67, 53.202, 5.477



91, 44.579, 172.502

Rectangle

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



67, 53.202, 5.477



67, 53.202, 55.477



67, 53.202, 185.477



67, 53.202, 235.477

Sweetspot

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



67, 53.199, 5.479



89, 15.937, 359.718



66, 75.922, 318.408



46, 10.806, 359.960



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, 53.199, 5.479



63, 63.994, 8.121



72, 47.289, 41.410



49, 5.491, 358.987



40, 71.088, 23.935



9, 30.681, 14.000

Inverse Universe

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



67, 53.199, 5.479



63, 63.994, 8.121



84, 31.899, 225.756



49, 5.491, 358.987



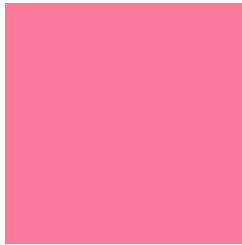
40, 71.088, 23.935



9, 30.681, 14.000

Previews

White Background



This preview shows how the CIELCh color 67, 53.202, 5.477 looks on a white background.

Color Contrast Check

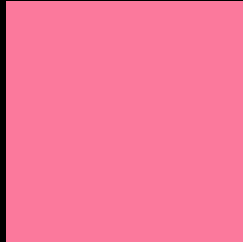
Large Text (above 18pt) WCAG AA × Fail

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, 53.202, 5.477 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, 53.202, 5.477

Background



This preview shows how black text looks on a background with the CIELCh color 67, 53.202, 5.477.



This preview shows how white text looks on a background with the CIELCh color 67, 53.202, 5.477.

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, 53.202, 5.477

Protanopia

67, 9.951, 291.205

Deuteranopia

67, 11.300, 43.015



Tritanopia
67, 51.150, 19.914

Trichromacy



Original Color
67, 53.202, 5.477



Protanomaly
66, 22.240, 345.214



Deuteranomaly
66, 25.493, 13.416

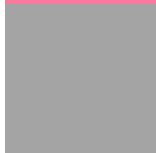


Tritanomaly
67, 51.404, 14.765

Monochromacy



Original Color
67, 53.202, 5.477



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 20.034, 0.595

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 53.202, 5.477 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(251, 121, 156)` looks like.

```
.text, #text, p{  
    color:rgb(251, 121, 156)  
}
```

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(251, 121, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 121, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 53.202, 5.477 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(251, 121, 156) }
```

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

```
.border{ border-color:rgb(251, 121, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 121, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 121, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 121, 156);  
box-shadow:4px 4px 4px 4px rgb(251, 121,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 53.202, 5.477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 121, 156) }
```

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

```
.background{ background-color: rgb(251,  
121, 156) }
```

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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