

Converting Colors

CIELCh(68, 52.121, 15.536)

Have a look what the booklet for
CIELCh(68, 52.121, 15.536) contains.

CIELCh(68, 52.121, 15.536)	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(68, 52.121, 15.536)

Conversions

Conversions Part 1

Format	Color
Hex	FE7E8F
RGB	254, 126, 143
RGB Percent	100%, 49%, 56%
CMY	0.0040, 0.5059, 0.4392
CMYK	0.00, 0.50, 0.44, 0.00
HSL	352°, 98%, 75%
HSV	352°, 50%, 100%
XYZ	53.2872, 37.9720, 30.5045
YIQ	166.2100, 70.8310, 32.4230

Conversions

Conversions Part 2

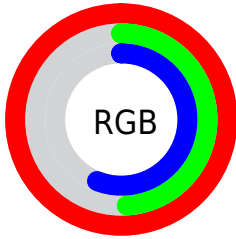
Format	Color
RYB	254, 126, 143
Decimal	16678543
CIELab	68.00, 50.22, 13.96
CIElCh	68, 52.121, 15.536
Yxy	37.9720, 0.4376, 0.3119
Android (android.graphics.Color)	4294868623 (0xFFFE7E8F)
YUV	166.2100, -11.4425, 76.9918
Hunter-Lab	61.6215, 46.5205, 13.7847

Details

The CIELCh color **68, 52.121, 15.536** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92, 39.690, 184.046**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 29.180, 5.280**, and **48, 51.949, 15.451** is the 20% darker color. If you saturate the color by 10%, you get **63, 63.038, 18.182**, and if you desaturate by 10%, it is **74, 41.045, 13.462**.

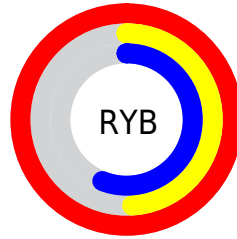
Distribution



Red (100%)

Green (49%)

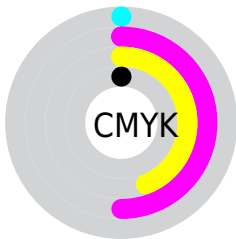
Blue (56%)



Red (100%)

Yellow (49%)

Blue (56%)

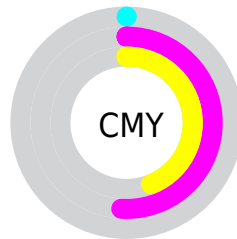


Cyan (0%)

Magenta (50%)

Yellow (44%)

Black (0%)



Cyan (0%)

Magenta (51%)

Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 52.121, 15.536 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 68, 52.121, 15.536 by changing the saturation by 10% instead.

 68, 52.121, 15.536

 68, 52.121, 15.536

 100, 52.121,
15.536

 58, 52.121, 15.536

 88, 52.121, 15.536

 48, 52.121, 15.536

 98, 52.121, 15.536

 38, 52.121, 15.536

 28, 52.121, 15.536

 18, 52.121, 15.536

 8, 52.121, 15.536

 0, 52.121, 15.536

 68, 52.121, 15.536

 68, 52.121, 15.536

 63, 63.038, 18.182

 74, 41.045, 13.462

■ 59, 73.407, 21.534

■ 80, 30.155, 11.816

■ 56, 82.866, 25.669

■ 86, 19.674, 10.486

■ 54, 91.179, 30.446

■ 93, 9.726, 9.375

■ 53, 97.920, 35.003

■ 99, 0.359, 6.780

100, 0.350,
201.275

Harmonies

Complementary

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



68, 52.121, 15.536



92, 39.690, 184.046

Rectangle

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



68, 52.121, 15.536



68, 52.121, 65.536



68, 52.121, 195.536



68, 52.121, 245.536

Sweetspot

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



68, 52.118, 15.539



90, 14.286, 9.867



70, 76.236, 323.015



46, 9.809, 10.103



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68, 52.118, 15.539



63, 62.820, 18.070



78, 43.703, 55.604



50, 5.324, 9.283



40, 78.358, 34.144



10, 32.386, 21.746

Inverse Universe

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



68, 52.118, 15.539



63, 62.820, 18.070



80, 33.007, 248.112



50, 5.324, 9.283



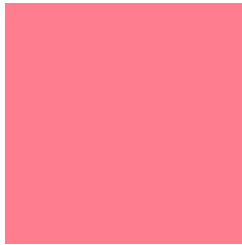
40, 78.358, 34.144



10, 32.386, 21.746

Previews

White Background



This preview shows how the CIELCh color 68, 52.121, 15.536 looks on a white background.

Color Contrast Check

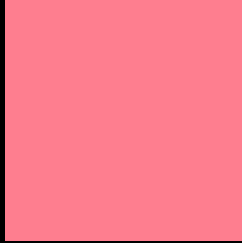
Large Text (above 18pt) WCAG AA × Fail

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 68, 52.121, 15.536 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 68, 52.121, 15.536

Background



This preview shows how black text looks on a background with the CIELCh color 68, 52.121, 15.536.



This preview shows how white text looks on a background with the CIELCh color 68, 52.121, 15.536.

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
68, 52.121, 15.536

Protanopia
68, 1.979, 35.421

Deuteranopia
68, 18.400, 63.047



Tritanopia
68, 51.837, 20.010

Trichromacy



Original Color
68, 52.121, 15.536



Protanomaly
67, 20.029, 13.546



Deuteranomaly
68, 28.387, 31.830



Tritanomaly
68, 51.584, 18.233

Monochromacy



Original Color
68, 52.121, 15.536



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 18.919, 9.610

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 52.121, 15.536 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, 126, 143)` looks like.

```
.text, #text, p{  
    color:rgb(254, 126, 143)  
}
```

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, 126, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 126, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 52.121, 15.536 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, 126, 143) }
```

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

```
.border{ border-color:rgb(254, 126, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 126, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 126, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 126, 143);  
box-shadow:4px 4px 4px 4px rgb(254, 126,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 52.121, 15.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 126, 143) }
```

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

```
.background{ background-color: rgb(254,  
126, 143) }
```

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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