

Converting Colors

CIELCh(68, 60.056, 340.363)

Have a look what the booklet for
CIELCh(68, 60.056, 340.363)
contains.

CIELCh(68, 59.839, 340.642)	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, 59.839, 340.642)

Conversions

Conversions Part 1

Format	Color
Hex	F67BCB
RGB	246, 123, 203
RGB Percent	96%, 48%, 80%
CMY	0.0361, 0.5184, 0.2047
CMYK	0.00, 0.50, 0.17, 0.04
HSL	321°, 87%, 72%
HSV	321°, 50%, 96%
XYZ	55.7433, 37.9720, 60.7650
YIQ	168.8970, 47.6280, 50.9560

Conversions

Conversions Part 2

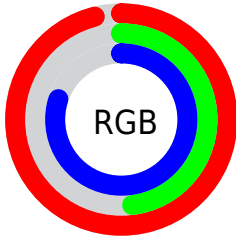
Format	Color
RYB	246, 123, 203
Decimal	16153547
CIELab	68.00, 56.46, -19.83
CIELCh	68, 59.839, 340.642
Yxy	37.9720, 0.3608, 0.2458
Android (android.graphics.Color)	4294343627 (0xFFFF67BCB)
YUV	168.8970, 16.8128, 67.6193
Hunter-Lab	61.6215, 53.6351, -15.3309

Details

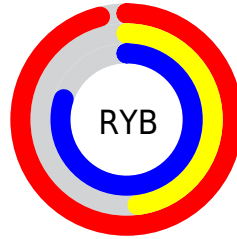
The CIELCh color $68, 59.839, 340.642$ is a light color, and the websafe version is hex $FF66CC$. A complement of this color would be $88, 58.928, 151.431$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $82, 47.584, 326.070$, and $48, 59.790, 340.515$ is the 20% darker color. If you saturate the color by 10%, you get $64, 69.804, 341.804$, and if you desaturate by 10%, it is $73, 48.608, 339.619$.

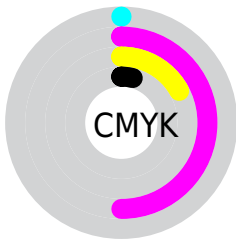
Distribution



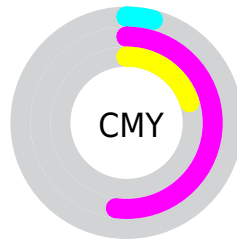
- Red (96%)
- Green (48%)
- Blue (80%)



- Red (96%)
- Yellow (48%)
- Blue (80%)



- Cyan (0%)
- Magenta (50%)
- Yellow (17%)
- Black (4%)





- Cyan (4%)
- Magenta (52%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 59.839, 340.642 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, 59.839, 340.642 by changing the saturation by 10% instead.


 68, 59.839,
340.642

 68, 59.839,
340.642


 100, 59.839,
340.642


 58, 59.839,
340.642


 88, 59.839,
340.642

 48, 59.839,
340.642

 98, 59.839,
340.642

 38, 59.839,
340.642

 28, 59.839,
340.642

 18, 59.839,
340.642

 8, 59.839, 340.642

 0, 59.839, 340.642

68, 59.839,
340.642

68, 59.839,
340.642

64, 69.804,
341.804

73, 48.608,
339.619

60, 77.896,
343.159

79, 36.660,
338.696

57, 83.538,
344.784

84, 24.409,
337.848

55, 86.408,
346.781

91, 12.143,
337.054

54, 86.861,
349.199

97, 0.050, 328.134

99, 3.214, 193.449

99, 3.188, 199.411

Harmonies

Complementary

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



68, 59.839, 340.642



88, 58.928, 151.431

Rectangle

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



68, 59.839, 340.642



68, 59.839, 30.642



68, 59.839, 160.642



68, 59.839, 210.642

Sweetspot

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



68, 59.836, 340.643



90, 18.774, 337.446



60, 70.044, 306.617



47, 12.826, 337.614



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, 59.836, 340.643



66, 71.856, 341.815



66, 50.226, 12.856



48, 6.852, 337.010



41, 70.740, 348.712



9, 32.326, 345.143

Inverse Universe

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



68, 59.836, 340.643



66, 71.856, 341.815



90, 39.353, 181.060



48, 6.852, 337.010



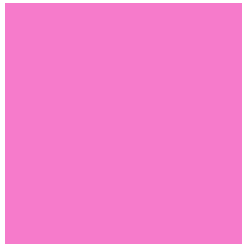
41, 70.740, 348.712



9, 32.326, 345.143

Previews

White Background



This preview shows how the CIELCh color 68, 59.839, 340.642 looks on a white background.

Color Contrast Check

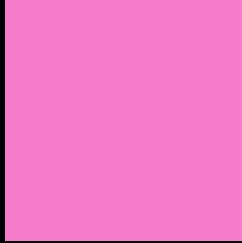
Large Text (above 18pt) WCAG AA × Fail

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, 59.839, 340.642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

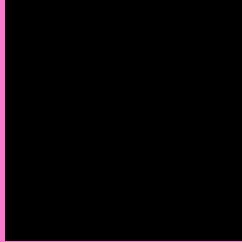
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 59.839, 340.642

Background



This preview shows how black text looks on a background with the CIELCh color 68, 59.839, 340.642.



This preview shows how white text looks on a background with the CIELCh color 68, 59.839, 340.642.

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, 59.839, 340.642

Protanopia
68, 38.180, 285.242

Deuteranopia
68, 18.918, 298.449



Tritanopia
68, 42.870, 16.926

Trichromacy



Original Color
68, 59.839, 340.642



Protanomaly
67, 41.969, 309.113



Deuteranomaly
67, 32.520, 324.669

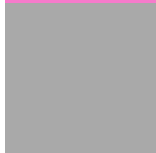


Tritanomaly
68, 46.215, 0.819

Monochromacy



Original Color
68, 59.839, 340.642



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 23.181, 338.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 59.839, 340.642 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(246, 123, 203)` looks like.

```
.text, #text, p{  
    color:rgb(246, 123, 203)  
}
```

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(246, 123, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 123, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 59.839, 340.642 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(246, 123, 203) }
```

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

```
.border{ border-color:rgb(246, 123, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 123, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 123, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 123, 203);  
box-shadow:4px 4px 4px 4px rgb(246, 123,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 59.839, 340.642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 123, 203) }
```

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

```
.background{ background-color: rgb(246,  
123, 203) }
```

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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