

Converting Colors

CIELCh(73, 67.570, 6.300)

Have a look what the booklet for
CIELCh(73, 67.570, 6.300) contains.

CIELCh(68, 55.747, 359.086)	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, 55.747, 359.086)

Conversions

Conversions Part 1

Format	Color
Hex	FF79A9
RGB	255, 121, 169
RGB Percent	100%, 47%, 66%
CMY	0.0000, 0.5241, 0.3359
CMYK	0.00, 0.52, 0.34, 0.00
HSL	338°, 100%, 74%
HSV	338°, 52%, 100%
XYZ	55.4576, 37.9720, 42.1114
YIQ	166.5380, 64.4560, 43.3360

Conversions

Conversions Part 2

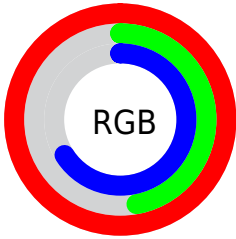
Format	Color
R_{YB}	255, 121, 169
Decimal	16742825
CIE _{Lab}	68.00, 55.74, -0.89
CIE _{LCh}	68, 55.747, 359.086
Yxy	37.9720, 0.4092, 0.2802
Android (android.graphics.Color)	4294932905 (0xFFFF79A9)
YUV	166.5380, 1.2138, 77.5812
Hunter-Lab	61.6215, 52.8076, 2.6169

Details

The CIELCh color **68, 55.747, 359.086** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **92, 49.269, 166.111**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 37.262, 341.056**, and **48, 55.973, 359.088** is the 20% darker color. If you saturate the color by 10%, you get **63, 65.103, 1.326**, and if you desaturate by 10%, it is **73, 45.225, 357.123**.

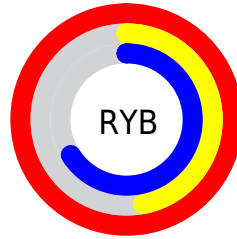
Distribution



Red (100%)

Green (47%)

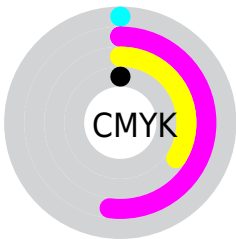
Blue (66%)



Red (100%)

Yellow (47%)

Blue (66%)

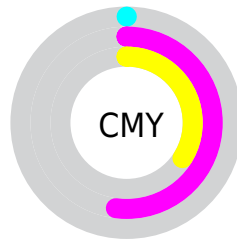


Cyan (0%)

Magenta (52%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 55.747, 359.086 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, 55.747, 359.086 by changing the saturation by 10% instead.


 68, 55.747,
359.086


 68, 55.747,
359.086


 100, 55.747,
359.086


 58, 55.747,
359.086


 88, 55.747,
359.086

 48, 55.747,
359.086

 98, 55.747,
359.086

 38, 55.747,
359.086

 28, 55.747,
359.086

 18, 55.747,
359.086

 8, 55.747, 359.086

 0, 55.747, 359.086

■ 68, 55.747,
359.086

■ 68, 55.747,
359.086

■ 63, 65.103, 1.326

■ 73, 45.225,
357.123

■ 59, 73.143, 4.274

■ 79, 34.405,
355.580

■ 57, 79.326, 8.026

■ 55, 83.599, 12.724

■ 85, 23.524,
354.279

■ 54, 86.015, 16.820

■ 92, 12.824,
353.148

■ 98, 2.448, 351.995

■ 100, 0.012,
296.813

Harmonies

Complementary

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



68, 55.747, 359.086



92, 49.269, 166.111

Rectangle

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



68, 55.747, 359.086



68, 55.747, 49.086



68, 55.747, 179.086



68, 55.747, 229.086

Sweetspot

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



68, 55.619, 358.996



89, 16.636, 353.539



65, 77.116, 315.845



46, 11.268, 353.770



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, 55.619, 358.996



63, 65.624, 1.482



70, 51.198, 34.695



50, 5.847, 352.840



40, 69.025, 15.760



10, 31.295, 8.260

Inverse Universe

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



68, 55.619, 358.996



63, 65.624, 1.482



88, 33.777, 213.585



50, 5.847, 352.840



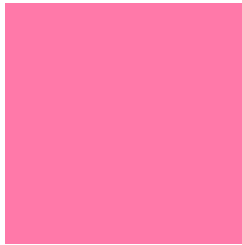
40, 69.025, 15.760



10, 31.295, 8.260

Previews

White Background



This preview shows how the CIELCh color 68, 55.747, 359.086 looks on a white background.

Color Contrast Check

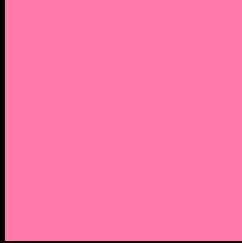
Large Text (above 18pt) WCAG AA × Fail

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, 55.747, 359.086 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, 55.747, 359.086

Background



This preview shows how black text looks on a background with the CIELCh color 68, 55.747, 359.086.

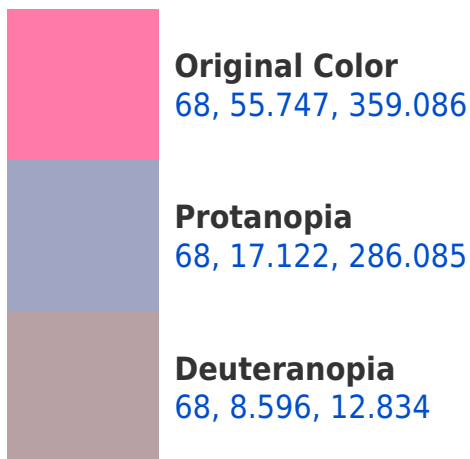


This preview shows how white text looks on a background with the CIELCh color 68, 55.747, 359.086.

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
68, 50.974, 19.789

Trichromacy



Original Color
68, 55.747, 359.086



Protanomaly
67, 26.534, 331.854



Deuteranomaly
67, 25.974, 359.912

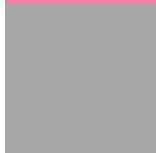


Tritanomaly
68, 51.576, 11.810

Monochromacy



Original Color
68, 55.747, 359.086



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 21.276, 353.957

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 55.747, 359.086 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, 121, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 121, 169)  
}
```

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, 121, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 121, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 55.747, 359.086 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, 121, 169) }
```

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

```
.border{ border-color:rgb(255, 121, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 121, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 121, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 121, 169);  
box-shadow:4px 4px 4px 4px rgb(255, 121,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 55.747, 359.086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 121, 169) }
```

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

```
.background{ background-color: rgb(255,  
121, 169) }
```

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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