

Converting Colors

CIELCh(68, 67.805, 339.484)

Have a look what the booklet for
CIELCh(68, 67.805, 339.484)
contains.

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Color

CIELCh(68, 67.824, 339.509)

Conversions

Conversions Part 1

Format	Color
Hex	FE73D2
RGB	254, 115, 210
RGB Percent	100%, 45%, 82%
CMY	0.0040, 0.5491, 0.1766
CMYK	0.00, 0.55, 0.17, 0.00
HSL	319°, 99%, 72%
HSV	319°, 55%, 100%
XYZ	58.6189, 37.9720, 65.1946
YIQ	167.3910, 52.3490, 59.0130

Conversions

Conversions Part 2

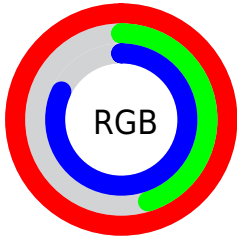
Format	Color
R _Y B	254, 115, 210
Decimal	16675794
CIE Lab	68.00, 63.53, -23.74
CIE LCh	68, 67.824, 339.509
Yxy	37.9720, 0.3623, 0.2347
Android (android.graphics.Color)	4294865874 (0xFFFE73D2)
YUV	167.3910, 21.0062, 75.9561
Hunter-Lab	61.6215, 61.9650, -19.5929

Details

The CIELCh color $68, 67.824, 339.509$ is a light color, and the websafe version is hex `FF66CC`. A complement of this color would be $90, 67.404, 149.458$, and the grayscale version is $69, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 51.883, 326.215$, and $48, 67.601, 339.532$ is the 20% darker color. If you saturate the color by 10%, you get $64, 77.366, 340.639$, and if you desaturate by 10%, it is $73, 56.639, 338.510$.

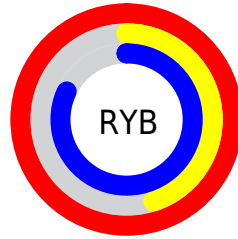
Distribution



Red (100%)

Green (45%)

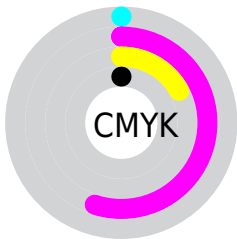
Blue (82%)



Red (100%)

Yellow (45%)

Blue (82%)

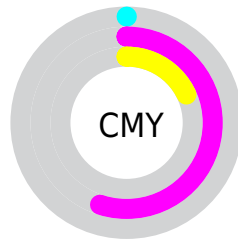


Cyan (0%)

Magenta (55%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 67.824, 339.509 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, 67.824, 339.509 by changing the saturation by 10% instead.


 68, 67.824,
339.509


 68, 67.824,
339.509


 100, 67.824,
339.509


 58, 67.824,
339.509


 88, 67.824,
339.509

 48, 67.824,
339.509

 98, 67.824,
339.509

 38, 67.824,
339.509

 28, 67.824,
339.509

 18, 67.824,
339.509

 8, 67.824, 339.509

 0, 67.824, 339.509

68, 67.824,
339.509

68, 67.824,
339.509

64, 77.366,
340.639

73, 56.639,
338.510

60, 84.639,
341.953

78, 44.431,
337.605

58, 89.141,
343.527

84, 31.697,
336.771

57, 90.743,
345.448

90, 18.800,
335.990

56, 90.740,
346.597

97, 5.989, 335.221

100, 0.358,
201.236

Harmonies

Complementary

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



68, 67.824, 339.509



90, 67.404, 149.458

Rectangle

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



68, 67.824, 339.509



68, 67.824, 29.509



68, 67.824, 159.509



68, 67.824, 209.509

Sweetspot

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



68, 67.821, 339.509



90, 20.508, 336.087



59, 78.978, 306.094



47, 13.862, 336.245



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, 67.821, 339.509



64, 78.683, 340.797



66, 56.525, 11.470



50, 7.254, 335.595



42, 73.552, 346.181



11, 34.672, 343.375

Inverse Universe

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



68, 67.821, 339.509



64, 78.683, 340.797



92, 44.422, 177.628



50, 7.254, 335.595



42, 73.552, 346.181



11, 34.672, 343.375

Previews

White Background



This preview shows how the CIELCh color 68, 67.824, 339.509 looks on a white background.

Color Contrast Check

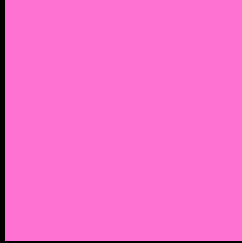
Large Text (above 18pt) WCAG AA × Fail

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, 67.824, 339.509 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, 67.824, 339.509

Background



This preview shows how black text looks on a background with the CIELCh color 68, 67.824, 339.509.



This preview shows how white text looks on a background with the CIELCh color 68, 67.824, 339.509.

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, 67.824, 339.509

Protanopia
68, 45.912, 285.673

Deuteranopia
68, 22.098, 294.173



Tritanopia
68, 47.581, 18.919

Trichromacy



Original Color
68, 67.824, 339.509



Protanomaly
67, 49.496, 307.405



Deuteranomaly
67, 37.836, 322.127



Tritanomaly
68, 51.747, 1.315

Monochromacy



Original Color
68, 67.824, 339.509



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 27.005, 336.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 67.824, 339.509 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, 115, 210)` looks like.

```
.text, #text, p{  
    color:rgb(254, 115, 210)  
}
```

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, 115, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 115, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 67.824, 339.509 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, 115, 210) }
```

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

```
.border{ border-color:rgb(254, 115, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 115, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 115, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 115, 210);  
box-shadow:4px 4px 4px 4px rgb(254, 115,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 67.824, 339.509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 115, 210) }
```

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

```
.background{ background-color: rgb(254,  
115, 210) }
```

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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