

Converting Colors

CIELCh(68, 73.268, 327.049)

Have a look what the booklet for
CIELCh(68, 73.268, 327.049)
contains.

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Color

CIELCh(68, 73.448, 327.045)

Conversions

Conversions Part 1

Format	Color
Hex	EF78EF
RGB	239, 120, 239
RGB Percent	94%, 47%, 94%
CMY	0.0631, 0.5297, 0.0631
CMYK	0.00, 0.50, 0.00, 0.06
HSL	300°, 79%, 70%
HSV	300°, 50%, 94%
XYZ	57.8363, 37.9720, 85.8713
YIQ	169.1470, 32.7250, 62.2370

Conversions

Conversions Part 2

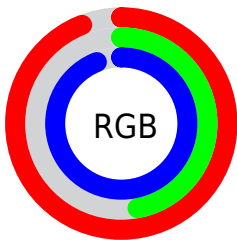
Format	Color
R _Y B	239, 120, 239
Decimal	15694063
CIE Lab	68.00, 61.63, -39.95
CIE LCh	68, 73.448, 327.045
Yxy	37.9720, 0.3183, 0.2090
Android (android.graphics.Color)	4293884143 (0xFFEF78EF)
YUV	169.1470, 34.4375, 61.2611
Hunter-Lab	61.6215, 59.6981, -39.4873

Details

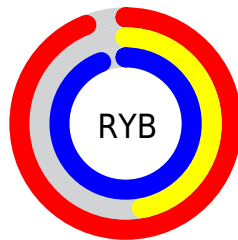
The CIELCh color **68, 73.448, 327.045** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **86, 73.848, 140.334**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **82, 49.432, 326.132**, and **48, 73.566, 326.801** is the 20% darker color. If you saturate the color by 10%, you get **64, 85.621, 327.451**, and if you desaturate by 10%, it is **73, 59.764, 326.577**.

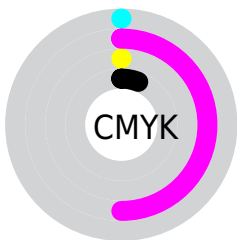
Distribution



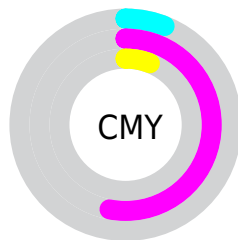
- Red (94%)
- Green (47%)
- Blue (94%)



- Red (94%)
- Yellow (47%)
- Blue (94%)



- Cyan (0%)
- Magenta (50%)
- Yellow (0%)
- Black (6%)





- Cyan (6%)
- Magenta (53%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 73.448, 327.045 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, 73.448, 327.045 by changing the saturation by 10% instead.

 68, 73.448,
327.045

 68, 73.448,
327.045


 100, 73.448,
327.045


 58, 73.448,
327.045


 88, 73.448,
327.045

 48, 73.448,
327.045

 98, 73.448,
327.045

 38, 73.448,
327.045

 28, 73.448,
327.045

 18, 73.448,
327.045

 8, 73.448, 327.045

 0, 73.448, 327.045

68, 73.448,
327.045

68, 73.448,
327.045

64, 85.621,
327.451

73, 59.764,
326.577

61, 95.697,
327.779

78, 45.141,
326.064

59, 103.175,
328.018

83, 30.042,
325.522

57, 107.813,
328.163

89, 14.820,
324.962

57, 109.970,
328.230


95, 0.280, 145.485

57, 110.003,
328.231

98, 10.012,
144.106

98, 10.012,
144.105

98, 10.012,
144.104

 98, 10.011,
144.103

Harmonies

Complementary

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



68, 73.448, 327.045



86, 73.848, 140.334

Rectangle

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



68, 73.448, 327.045



68, 73.448, 17.045



68, 73.448, 147.045



68, 73.448, 197.045

Sweetspot

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



68, 73.445, 327.045



91, 23.957, 325.258



56, 66.650, 296.923



47, 16.356, 325.376



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, 73.445, 327.045



68, 90.426, 327.466



66, 53.849, 348.027



47, 8.608, 324.943



44, 90.297, 328.231



10, 39.418, 328.232

Inverse Universe

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



64, 50.506, 25.169



63, 65.768, 27.674



86, 51.298, 157.509



47, 4.993, 19.936



38, 81.701, 39.994



8, 29.836, 23.805

Previews

White Background



This preview shows how the CIELCh color 68, 73.448, 327.045 looks on a white background.

Color Contrast Check

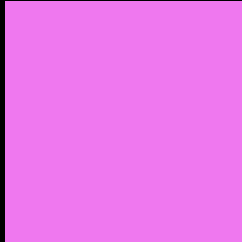
Large Text (above 18pt) WCAG AA × Fail

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 68, 73.448, 327.045 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

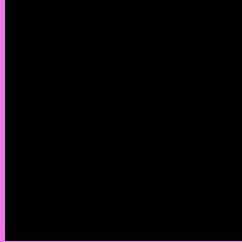
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 73.448, 327.045

Background



This preview shows how black text looks on a background with the CIELCh color 68, 73.448, 327.045.



This preview shows how white text looks on a background with the CIELCh color 68, 73.448, 327.045.

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, 35.334, 13.505

Trichromacy



Original Color
68, 73.448, 327.045



Protanomaly
67, 56.970, 302.797



Deuteranomaly
67, 48.705, 306.381



Tritanomaly
68, 45.410, 347.117

Monochromacy



Original Color
68, 73.448, 327.045



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 28.393, 325.637

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 73.448, 327.045 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(239, 120, 239)` looks like.

```
.text, #text, p{  
    color:rgb(239, 120, 239)  
}
```

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(239, 120, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 120, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 73.448, 327.045 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(239, 120, 239) }
```

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

```
.border{ border-color:rgb(239, 120, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 120, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 120, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 120, 239);  
box-shadow:4px 4px 4px 4px rgb(239, 120,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 73.448, 327.045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 120, 239) }
```

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

```
.background{ background-color: rgb(239,  
120, 239) }
```

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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