

Converting Colors

CIELCh(68, 86.875, 328.297)

Have a look what the booklet for
CIELCh(68, 86.875, 328.297)
contains.

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Color

CIELCh(68, 86.992, 328.240)

Conversions

Conversions Part 1

Format	Color
Hex	FE69FA
RGB	254, 105, 250
RGB Percent	100%, 41%, 98%
CMY	0.0048, 0.5891, 0.0205
CMYK	0.00, 0.59, 0.02, 0.00
HSL	302°, 98%, 70%
HSV	302°, 59%, 100%
XYZ	63.0365, 37.9720, 94.2658
YIQ	166.0810, 42.2590, 76.6830

Conversions

Conversions Part 2

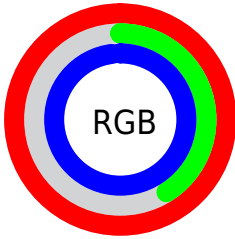
Format	Color
R_{YB}	254, 105, 250
Decimal	16673274
CIE _{Lab}	68.00, 73.97, -45.79
CIE _{LCh}	68, 86.992, 328.240
Yxy	37.9720, 0.3228, 0.1945
Android (android.graphics.Color)	4294863354 (0xFFFE69FA)
YUV	166.0810, 41.3721, 77.1050
Hunter-Lab	61.6215, 74.7614, -47.5643

Details

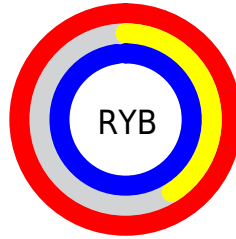
The CIELCh color **68, 86.992, 328.240** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **89, 88.034, 139.946**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 57.340, 326.397**, and **48, 87.080, 328.210** is the 20% darker color. If you saturate the color by 10%, you get **65, 97.577, 328.623**, and if you desaturate by 10%, it is **72, 74.262, 327.792**.

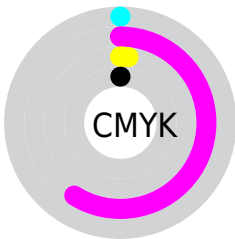
Distribution



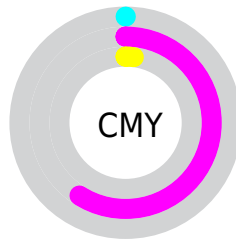
- Red (100%)
- Green (41%)
- Blue (98%)



- Red (100%)
- Yellow (41%)
- Blue (98%)



- Cyan (0%)
- Magenta (59%)
- Yellow (2%)
- Black (0%)





- Cyan (0%)
- Magenta (59%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 86.992, 328.240 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, 86.992, 328.240 by changing the saturation by 10% instead.


 68, 86.992,
328.240


 68, 86.992,
328.240


 100, 86.992,
328.240


 58, 86.992,
328.240


 88, 86.992,
328.240

 48, 86.992,
328.240

 98, 86.992,
328.240

 38, 86.992,
328.240

 28, 86.992,
328.240

 18, 86.992,
328.240

 8, 86.992, 328.240

 0, 86.992, 328.240

68, 86.992,
328.240

68, 86.992,
328.240

65, 97.577,
328.623

72, 74.262,
327.792

62, 105.475,
328.930

77, 60.026,
327.293

60, 110.383,
329.162

82, 44.868,
326.757

60, 112.522,
329.328

88, 29.263,
326.199

60, 112.708,
329.347

94, 13.566,
325.626

100, 0.717,
146.849

100, 0.486,
171.914

100, 0.428,

Harmonies

Complementary

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



68, 86.992, 328.240



89, 88.034, 139.946

Rectangle

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



68, 86.992, 328.240



68, 86.992, 18.240



68, 86.992, 148.240



68, 86.992, 198.240

Sweetspot

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



68, 86.989, 328.240



89, 28.259, 326.159



52, 85.434, 299.801



46, 19.646, 326.324



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, 86.989, 328.240



64, 99.136, 328.667



65, 64.277, 351.651



50, 8.894, 325.672



45, 91.146, 329.328



12, 42.038, 329.193

Inverse Universe

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



68, 86.989, 328.240



64, 99.136, 328.667



90, 60.414, 157.854



50, 8.894, 325.672



45, 91.146, 329.328



12, 42.038, 329.193

Previews

White Background



This preview shows how the CIELCh color 68, 86.992, 328.240 looks on a white background.

Color Contrast Check

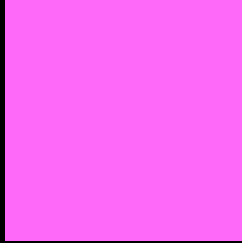
Large Text (above 18pt) WCAG AA × Fail

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, 86.992, 328.240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

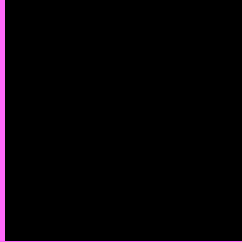
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 86.992, 328.240

Background



This preview shows how black text looks on a background with the CIELCh color 68, 86.992, 328.240.

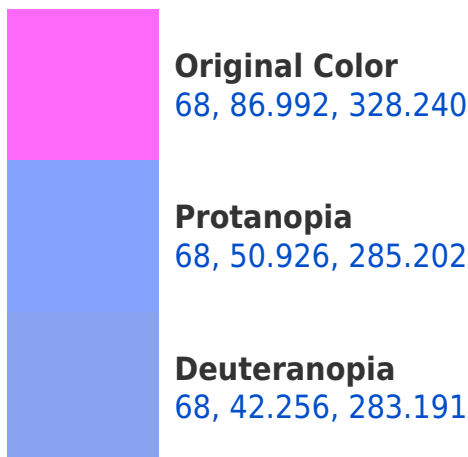


This preview shows how white text looks on a background with the CIELCh color 68, 86.992, 328.240.

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, 43.784, 17.894

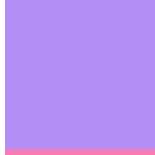
Trichromacy



Original Color
68, 86.992, 328.240



Protanomaly
66, 62.327, 305.270



Deuteranomaly
66, 57.720, 306.844



Tritanomaly
67, 54.292, 350.359

Monochromacy



Original Color
68, 86.992, 328.240



Achromatopsia
68, 0.008, 296.813



Achromatomaly
66, 34.626, 326.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 86.992, 328.240 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, 105, 250)` looks like.

```
.text, #text, p{  
    color:rgb(254, 105, 250)  
}
```

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, 105, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 105, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 86.992, 328.240 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, 105, 250) }
```

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

```
.border{ border-color:rgb(254, 105, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 105, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 105, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 105, 250);  
box-shadow:4px 4px 4px 4px rgb(254, 105,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 86.992, 328.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 105, 250) }
```

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

```
.background{ background-color: rgb(254,  
105, 250) }
```

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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