

Converting Colors

CIELCh(68, 86.288, 329.719)

Have a look what the booklet for
CIELCh(68, 86.288, 329.719)
contains.

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Color

CIELCh(68, 86.485, 329.329)

Conversions

Conversions Part 1

Format	Color
Hex	FF68F7
RGB	255, 104, 247
RGB Percent	100%, 41%, 97%
CMY	0.0000, 0.5930, 0.0323
CMYK	0.00, 0.59, 0.03, 0.00
HSL	303°, 100%, 70%
HSV	303°, 59%, 100%
XYZ	63.2192, 37.9720, 91.8060
YIQ	165.4510, 44.0930, 76.4850

Conversions

Conversions Part 2

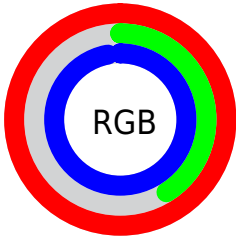
Format	Color
R _Y B	255, 104, 247
Decimal	16738551
CIE Lab	68.00, 74.39, -44.12
CIE LCh	68, 86.485, 329.329
Yxy	37.9720, 0.3276, 0.1967
Android (android.graphics.Color)	4294928631 (0xFFFF68F7)
YUV	165.4510, 40.2037, 78.5345
Hunter-Lab	61.6215, 75.2905, -45.1975

Details

The CIELCh color $68, 86.485, 329.329$ is a light color, and the websafe version is hex FF66FF . A complement of this color would be $90, 87.602, 140.563$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 57.941, 326.417$, and $48, 86.492, 329.126$ is the 20% darker color. If you saturate the color by 10%, you get $64, 96.673, 329.587$, and if you desaturate by 10%, it is $72, 73.974, 328.673$.

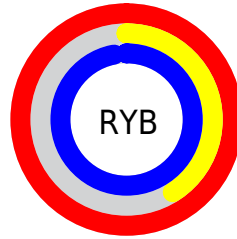
Distribution



Red (100%)

Green (41%)

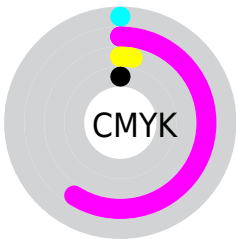
Blue (97%)



Red (100%)

Yellow (41%)

Blue (97%)

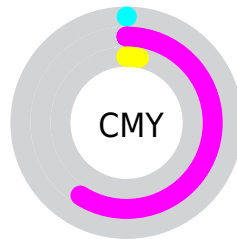


Cyan (0%)

Magenta (59%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (59%)


Yellow (3%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 86.485, 329.329 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, 86.485, 329.329 by changing the saturation by 10% instead.

 68, 86.485,
329.329


 68, 86.485,
329.329


 100, 86.485,
329.329


 58, 86.485,
329.329


 88, 86.485,
329.329

 48, 86.485,
329.329

 98, 86.485,
329.329

 38, 86.485,
329.329

 28, 86.485,
329.329

 18, 86.485,
329.329

 8, 86.485, 329.329

 0, 86.485, 329.329

68, 86.485,
329.329

68, 86.485,
329.329

64, 96.673,
329.587

72, 73.974,
328.673

62, 104.218,
329.960

77, 60.010,
328.148

60, 108.753,
330.277

82, 45.105,
327.593

60, 110.559,
330.552

88, 29.739,
327.022

60, 110.645,
330.571

94, 14.270,
326.438

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, 86.485, 329.329



90, 87.602, 140.563

Rectangle

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



68, 86.485, 329.329



68, 86.485, 19.329



68, 86.485, 149.329



68, 86.485, 199.329

Sweetspot

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



68, 86.407, 329.156



89, 27.732, 326.947



52, 86.621, 300.609



46, 19.281, 327.114



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, 86.407, 329.156



64, 98.162, 329.654



65, 64.151, 354.023



50, 8.727, 326.451



45, 89.184, 330.528



12, 41.241, 330.237

Inverse Universe

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



68, 86.407, 329.156



64, 98.162, 329.654



91, 59.337, 159.566



50, 8.727, 326.451



45, 89.184, 330.528



12, 41.241, 330.237

Previews

White Background



This preview shows how the CIELCh color 68, 86.485, 329.329 looks on a white background.

Color Contrast Check

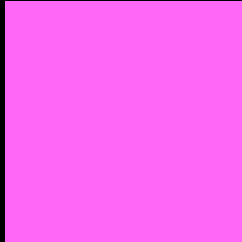
Large Text (above 18pt) WCAG AA × Fail

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, 86.485, 329.329 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, 86.485, 329.329

Background



This preview shows how black text looks on a background with the CIELCh color 68, 86.485, 329.329.



This preview shows how white text looks on a background with the CIELCh color 68, 86.485, 329.329.

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, 45.443, 17.706

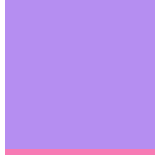
Trichromacy



Original Color
68, 86.398, 329.104



Protanomaly
66, 62.420, 305.561



Deuteranomaly
66, 56.248, 307.774



Tritanomaly
67, 54.667, 351.463

Monochromacy



Original Color
68, 86.398, 329.104



Achromatopsia
68, 0.008, 296.813



Achromatomaly
66, 34.847, 327.487

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 86.485, 329.329 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, 104, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 104, 247)  
}
```

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, 104, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 104, 247) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 86.485, 329.329 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, 104, 247) }
```

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

```
.border{ border-color:rgb(255, 104, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 104, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 104, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 104, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 104,  
247) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 86.485, 329.329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 104, 247) }
```

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

```
.background{ background-color: rgb(255,  
104, 247) }
```

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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