

Converting Colors

CIELCh(68, 87.251, 325.654)

Have a look what the booklet for
CIELCh(68, 87.251, 325.654)
contains.

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Color

CIELCh(68, 87.036, 325.905)

Conversions

Conversions Part 1

Format	Color
Hex	F86CFF
RGB	248, 108, 255
RGB Percent	97%, 42%, 100%
CMY	0.0268, 0.5759, 0.0000
CMYK	0.03, 0.58, 0.00, 0.00
HSL	297°, 100%, 71%
HSV	297°, 58%, 100%
XYZ	62.2201, 37.9720, 98.7873
YIQ	166.6180, 36.2530, 75.3970

Conversions

Conversions Part 2

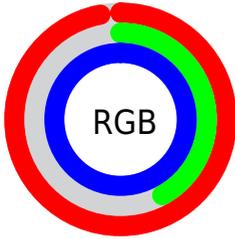
Format	Color
R _Y B	248, 108, 255
Decimal	16280831
CIE Lab	68.00, 72.08, -48.79
CIE LCh	68, 87.036, 325.905
Yxy	37.9720, 0.3127, 0.1908
Android (android.graphics.Color)	4294470911 (0xFFFF86CFF)
YUV	166.6180, 43.5723, 71.3720
Hunter-Lab	61.6215, 72.3965, -51.9146

Details

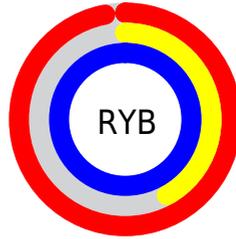
The CIELCh color **68, 87.036, 325.905** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **90, 87.356, 138.599**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 55.531, 326.337**, and **48, 87.161, 325.740** is the 20% darker color. If you saturate the color by 10%, you get **64, 98.274, 326.225**, and if you desaturate by 10%, it is **72, 73.663, 325.556**.

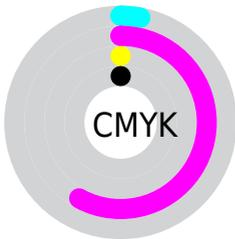
Distribution



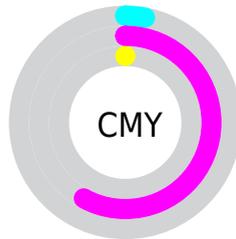
- Red (97%)
- Green (42%)
- Blue (100%)



- Red (97%)
- Yellow (42%)
- Blue (100%)



- Cyan (3%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 87.036, 325.905 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, 87.036, 325.905 by changing the saturation by 10% instead.

 68, 87.036,
325.905

 68, 87.036,
325.905

 100, 87.036,
325.905

 58, 87.036,
325.905

 88, 87.036,
325.905

 48, 87.036,
325.905

 98, 87.036,
325.905

 38, 87.036,
325.905

 28, 87.036,
325.905

 18, 87.036,
325.905

 8, 87.036, 325.905

 0, 87.036, 325.905

68, 87.036,
325.905

68, 87.036,
325.905

64, 98.274,
326.225

72, 73.663,
325.556

61, 106.968,
326.404

78, 58.994,
325.109

60, 112.665,
326.460

83, 43.532,
324.618

58, 115.421,
326.394

89, 27.725,
324.100

58, 115.852,
326.368

95, 11.895,
323.563

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, 87.036, 325.905



90, 87.356, 138.599

Rectangle

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



68, 87.036, 325.905



68, 87.036, 15.905



68, 87.036, 145.905



68, 87.036, 195.905

Sweetspot

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



68, 86.971, 325.935



89, 26.797, 324.069



55, 79.498, 297.466



46, 17.935, 324.175



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, 86.971, 325.935



64, 99.675, 326.257



66, 65.619, 347.222



50, 8.927, 323.668



44, 93.307, 326.399



12, 42.910, 326.618

Inverse Universe

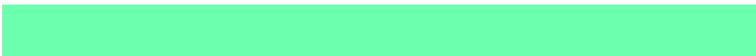
The Inverse Universe completely reimagines the original color for something new.



64, 61.667, 23.755



59, 74.883, 27.274



91, 63.279, 154.704



49, 5.257, 16.174



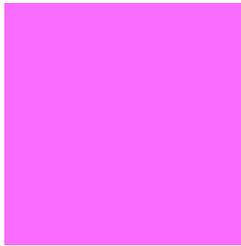
40, 82.251, 38.228



10, 32.990, 25.308

Previews

White Background



This preview shows how the CIE LCh color 68, 87.036, 325.905 looks on a white background.

Color Contrast Check

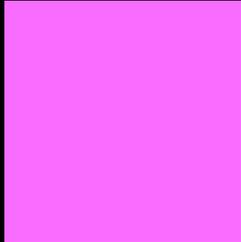
Large Text (above 18pt) WCAG AA × Fail

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, 87.036, 325.905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

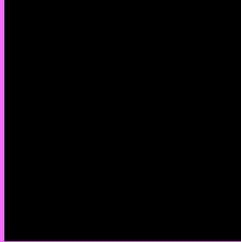
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 87.036, 325.905

Background



This preview shows how black text looks on a background with the CIELCh color 68, 87.036, 325.905.



This preview shows how white text looks on a background with the CIELCh color 68, 87.036, 325.905.

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, 39.951, 16.010

Trichromacy



Original Color
68, 87.036, 325.905



Protanomaly
66, 62.703, 304.376



Deuteranomaly
66, 58.917, 304.476

Tritanomaly
67, 51.452, 347.312

Monochromacy



Original Color
68, 87.036, 325.905



Achromatopsia
68, 0.008, 296.813



Achromatomaly
67, 34.456, 324.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 87.036, 325.905 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(248, 108, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 108, 255)  
}
```

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(248, 108, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 108, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 87.036, 325.905 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(248, 108, 255) }
```

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

```
.border{ border-color:rgb(248, 108, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 108, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 108, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 108, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 108,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 87.036, 325.905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 108, 255) }
```

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

```
.background{ background-color: rgb(248,  
108, 255) }
```

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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