

Converting Colors

CIELCh(67, 92.966, 327.963)

Have a look what the booklet for
CIELCh(67, 92.966, 327.963)
contains.

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Color

CIELCh(67, 92.787, 327.951)

Conversions

Conversions Part 1

Format	Color
Hex	FF5FFD
RGB	255, 95, 253
RGB Percent	100%, 37%, 99%
CMY	0.0000, 0.6265, 0.0070
CMYK	0.00, 0.63, 0.01, 0.00
HSL	301°, 100%, 69%
HSV	301°, 63%, 100%
XYZ	63.1969, 36.6320, 96.8459
YIQ	160.8520, 44.6420, 83.0580

Conversions

Conversions Part 2

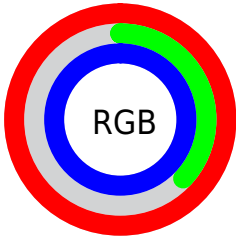
Format	Color
R _Y B	255, 95, 253
Decimal	16736253
CIE _{Lab}	67.00, 78.65, -49.24
CIE _{LCh}	67, 92.787, 327.951
Yxy	36.6320, 0.3213, 0.1863
Android (android.graphics.Color)	4294926333 (0xFFFF5FFD)
YUV	160.8520, 45.4290, 82.5678
Hunter-Lab	60.5244, 80.4643, -52.5038

Details

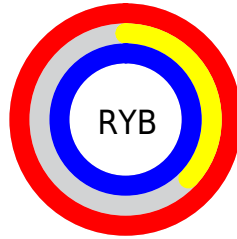
The CIELCh color **67, 92.787, 327.951** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **89, 94.072, 139.101**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 62.108, 326.555**, and **47, 92.900, 327.956** is the 20% darker color. If you saturate the color by 10%, you get **64, 102.506, 328.230**, and if you desaturate by 10%, it is **71, 80.637, 327.506**.

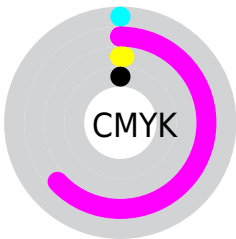
Distribution



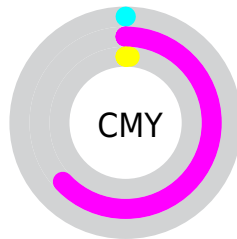
- Red (100%)
- Green (37%)
- Blue (99%)



- Red (100%)
- Yellow (37%)
- Blue (99%)



- Cyan (0%)
- Magenta (63%)
- Yellow (1%)
- Black (0%)





- Cyan (0%)
- Magenta (63%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 92.787, 327.951 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 67, 92.787, 327.951 by changing the saturation by 10% instead.


 67, 92.787,
327.951


 67, 92.787,
327.951


 100, 92.787,
327.951


 57, 92.787,
327.951


 87, 92.787,
327.951

 47, 92.787,
327.951

 97, 92.787,
327.951

 37, 92.787,
327.951

 27, 92.787,
327.951

 17, 92.787,
327.951

 7, 92.787, 327.951

 0, 92.787, 327.951

67, 92.787,
327.951

67, 92.787,
327.951

64, 102.506,
328.230

71, 80.637,
327.506

62, 109.379,
328.468

75, 66.728,
327.042

61, 113.248,
328.620

81, 51.661,
326.531

60, 114.541,
328.690

86, 35.962,
325.988

92, 20.039,
325.427

98, 4.182, 324.812

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.



67, 92.787, 327.951



89, 94.072, 139.101

Rectangle

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



67, 92.787, 327.951



67, 92.787, 17.951



67, 92.787, 147.951



67, 92.787, 197.951

Sweetspot

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



67, 92.769, 327.907



88, 30.151, 325.785



49, 92.139, 300.354



45, 20.758, 325.944



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67, 92.769, 327.907



63, 104.387, 328.294



64, 68.526, 351.307



50, 8.989, 325.247



45, 92.270, 328.682



12, 42.494, 328.627

Inverse Universe

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



67, 92.769, 327.907



63, 104.387, 328.294



90, 65.007, 156.339



50, 8.989, 325.247



45, 92.270, 328.682



12, 42.494, 328.627

Previews

White Background



This preview shows how the CIELCh color 67, 92.787, 327.951 looks on a white background.

Color Contrast Check

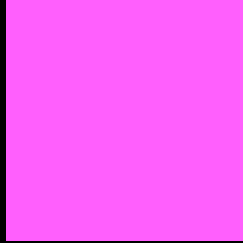
Large Text (above 18pt) WCAG AA × Fail

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 67, 92.787, 327.951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

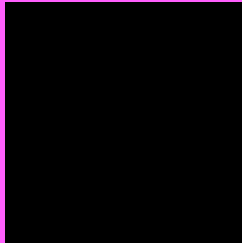
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 92.787, 327.951

Background



This preview shows how black text looks on a background with the CIELCh color 67, 92.787, 327.951.



This preview shows how white text looks on a background with the CIELCh color 67, 92.787, 327.951.

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

67, 92.787, 327.951

Protanopia

67, 52.738, 285.353

Deuteranopia

67, 44.712, 282.160



Tritanopia
67, 46.480, 18.698

Trichromacy



Original Color
67, 92.787, 327.951



Protanomaly
65, 66.464, 305.724



Deuteranomaly
65, 61.061, 306.098



Tritanomaly
66, 57.219, 350.476

Monochromacy



Original Color
67, 92.787, 327.951



Achromatopsia
66, 0.008, 296.813



Achromatomaly
65, 38.204, 326.042

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 92.787, 327.951 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, 95, 253)` looks like.

```
.text, #text, p{  
    color:rgb(255, 95, 253)  
}
```

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, 95, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 95, 253) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 92.787, 327.951 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, 95, 253) }
```

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

```
.border{ border-color:rgb(255, 95, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 95, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 95, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 95, 253);  
box-shadow:4px 4px 4px 4px rgb(255, 95,  
253) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 92.787, 327.951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 95, 253) }
```

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

```
.background{ background-color: rgb(255, 95,  
253) }
```

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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