

Converting Colors

CIELCh(71, 96.503, 331.915)

Have a look what the booklet for
CIELCh(71, 96.503, 331.915)
contains.

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Color

CIELCh(67, 93.125, 327.551)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF60FF |
| RGB | 255, 96, 255 |
| RGB Percent | 100%, 38%, 100% |
| CMY | 0.0019, 0.6254, 0.0018 |
| CMYK | 0.00, 0.62, 0.00, 0.00 |
| HSL | 300°, 99%, 69% |
| HSV | 300°, 62%, 100% |
| XYZ | 63.1706, 36.6320, 97.9516 |
| YIQ | 161.6670, 43.7250, 83.1570 |

Conversions

Conversions Part 2

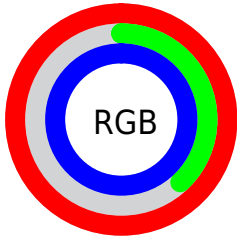
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 96, 255 |
| Decimal | 16736511 |
| CIE _{Lab} | 67.00, 78.59, -49.97 |
| CIE _{LCh} | 67, 93.125, 327.551 |
| Yxy | 36.6320, 0.3194, 0.1852 |
| Android (android.graphics.Color) | 4294926591 (0xFFFF60FF) |
| YUV | 161.6670, 46.0132, 81.8530 |
| Hunter-Lab | 60.5244, 80.3869, -53.5869 |

Details

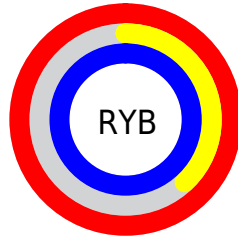
The CIELCh color **67, 93.125, 327.551** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **89, 94.321, 138.864**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 61.517, 326.536**, and **47, 93.220, 327.532** is the 20% darker color. If you saturate the color by 10%, you get **64, 102.983, 327.855**, and if you desaturate by 10%, it is **71, 80.876, 327.165**.

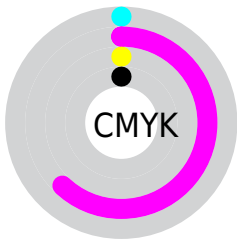
Distribution



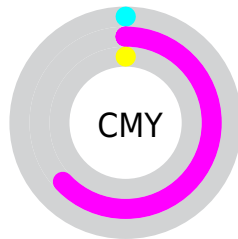
- Red (100%)
- Green (38%)
- Blue (100%)



- Red (100%)
- Yellow (38%)
- Blue (100%)



- Cyan (0%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 93.125, 327.551 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, 93.125, 327.551 by changing the saturation by 10% instead.


 67, 93.125,
327.551


 67, 93.125,
327.551


 100, 93.125,
327.551


 57, 93.125,
327.551


 87, 93.125,
327.551

 47, 93.125,
327.551

 97, 93.125,
327.551

 37, 93.125,
327.551

 27, 93.125,
327.551

 17, 93.125,
327.551

 7, 93.125, 327.551

 0, 93.125, 327.551

67, 93.125,
327.551

67, 93.125,
327.551

64, 102.983,
327.855

71, 80.876,
327.165

62, 109.988,
328.066

75, 66.859,
326.711

61, 113.996,
328.186

81, 51.688,
326.207

60, 115.406,
328.227

86, 35.890,
325.670

92, 19.872,
325.113

98, 3.923, 324.496

100, 0.281,
145.384

100, 0.280,
145.187

100, 0.280,
144.988

Harmonies

Complementary

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



67, 93.125, 327.551



89, 94.321, 138.864

Rectangle

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



67, 93.125, 327.551



67, 93.125, 17.551



67, 93.125, 147.551



67, 93.125, 197.551

Sweetspot

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



67, 93.122, 327.551



88, 30.378, 325.478



50, 90.107, 299.771



45, 20.913, 325.636



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, 93.122, 327.551



63, 105.187, 327.917



64, 68.801, 350.169



50, 9.056, 324.943



45, 93.083, 328.227



12, 42.823, 328.228

Inverse Universe

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



62, 68.690, 28.361



57, 83.699, 32.448



90, 65.741, 155.529



49, 5.254, 19.932



40, 84.223, 39.995



10, 33.366, 27.171

Previews

White Background



This preview shows how the CIELCh color 67, 93.125, 327.551 looks on a white background.

Color Contrast Check

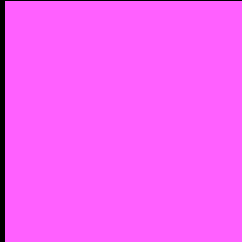
Large Text (above 18pt) WCAG AA × Fail

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, 93.125, 327.551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

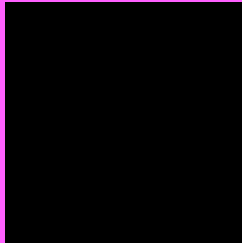
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 93.125, 327.551

Background



This preview shows how black text looks on a background with the CIELCh color 67, 93.125, 327.551.



This preview shows how white text looks on a background with the CIELCh color 67, 93.125, 327.551.

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, 93.125, 327.551

Protanopia
67, 52.738, 285.353

Deuteranopia
67, 45.282, 282.080



Tritanopia
67, 46.006, 17.926

Trichromacy



Original Color
67, 93.125, 327.551



Protanomaly
65, 66.372, 305.454



Deuteranomaly
65, 61.552, 305.742

Tritanomaly
66, 57.167, 349.713

Monochromacy



Original Color
67, 93.125, 327.551



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, 93.125, 327.551 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, 96, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 96, 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(255, 96, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 96, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 93.125, 327.551 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, 96, 255) }
```

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

```
.border{ border-color:rgb(255, 96, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 96, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 96, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 96, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 96,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 93.125, 327.551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 96, 255) }
```

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

```
.background{ background-color: rgb(255, 96,  
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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