

Converting Colors

CIELCh(67, 92.224, 327.523)

Have a look what the booklet for
CIELCh(67, 92.224, 327.523)
contains.

CIELCh(67, 92.225, 327.532)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(67, 92.225, 327.532)

Conversions

Conversions Part 1

Format	Color
Hex	FE61FE
RGB	254, 97, 254
RGB Percent	100%, 38%, 100%
CMY	0.0052, 0.6209, 0.0052
CMYK	0.00, 0.62, 0.00, 0.01
HSL	300°, 98%, 69%
HSV	300°, 62%, 99%
XYZ	62.8343, 36.6320, 97.2575
YIQ	161.8410, 43.1750, 82.1110

Conversions

Conversions Part 2

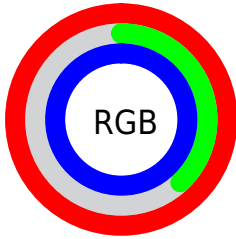
Format	Color
R_{YB}	254, 97, 254
Decimal	16671230
CIE _{Lab}	67.00, 77.81, -49.51
CIE _{LCh}	67, 92.225, 327.532
Yxy	36.6320, 0.3194, 0.1862
Android (android.graphics.Color)	4294861310 (0xFFFE61FE)
YUV	161.8410, 45.4344, 80.8234
Hunter-Lab	60.5244, 79.3948, -52.9070

Details

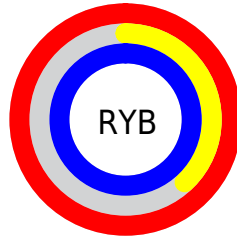
The CIELCh color **67, 92.225, 327.532** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **89, 93.371, 138.934**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 61.517, 326.536**, and **47, 92.331, 327.506** is the 20% darker color. If you saturate the color by 10%, you get **64, 102.213, 327.841**, and if you desaturate by 10%, it is **71, 79.886, 327.141**.

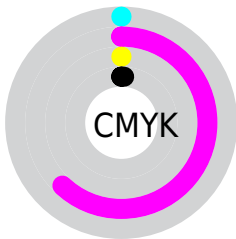
Distribution



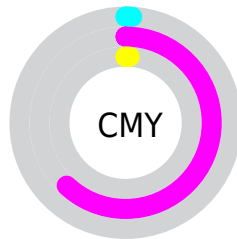
- Red (100%)
- Green (38%)
- Blue (100%)



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



- Cyan (0%)
- Magenta (62%)
- Yellow (0%)
- Black (1%)





- Cyan (1%)
- Magenta (62%)
- Yellow (1%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 92.225, 327.532 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, 92.225, 327.532 by changing the saturation by 10% instead.

 67, 92.225,
327.532


 67, 92.225,
327.532


 100, 92.225,
327.532


 57, 92.225,
327.532


 87, 92.225,
327.532

 47, 92.225,
327.532

 97, 92.225,
327.532

 37, 92.225,
327.532

 27, 92.225,
327.532

 17, 92.225,
327.532

 7, 92.225, 327.532

 0, 92.225, 327.532

67, 92.225,
327.532

67, 92.225,
327.532

64, 102.213,
327.841

71, 79.886,
327.141

62, 109.377,
328.058

76, 65.823,
326.684

60, 113.549,
328.183

81, 50.642,
326.178

60, 115.114,
328.229

86, 34.864,
325.639

92, 18.886,
325.081

98, 2.990, 324.441

100, 0.806,
144.765

100, 0.806,
144.726

100, 0.806,
144.686

Harmonies

Complementary

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



67, 92.225, 327.532



89, 93.371, 138.934

Rectangle

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



67, 92.225, 327.532



67, 92.225, 17.532



67, 92.225, 147.532



67, 92.225, 197.532

Sweetspot

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



67, 92.222, 327.532



88, 30.378, 325.480



50, 88.943, 299.634



45, 20.914, 325.638



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, 92.222, 327.532



64, 104.396, 327.895



64, 68.116, 350.057



50, 9.057, 324.945



45, 93.083, 328.229



12, 42.823, 328.230

Inverse Universe

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



62, 67.795, 28.194



58, 82.555, 32.097



90, 65.056, 155.628



49, 5.254, 19.937



40, 84.226, 39.997



10, 33.367, 27.173

Previews

White Background



This preview shows how the CIELCh color 67, 92.225, 327.532 looks on a white background.

Color Contrast Check

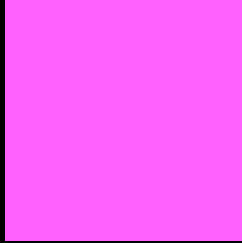
Large Text (above 18pt) WCAG AA × Fail

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, 92.225, 327.532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

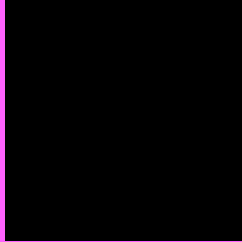
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 92.225, 327.532

Background



This preview shows how black text looks on a background with the CIELCh color 67, 92.225, 327.532.



This preview shows how white text looks on a background with the CIELCh color 67, 92.225, 327.532.

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, 92.225, 327.532

Protanopia

67, 52.738, 285.353

Deuteranopia

67, 45.239, 282.395



Tritanopia
67, 45.210, 18.353

Trichromacy



Original Color
67, 92.225, 327.532



Protanomaly
65, 66.346, 305.199



Deuteranomaly
65, 61.586, 306.024



Tritanomaly
66, 56.387, 349.618

Monochromacy



Original Color
67, 92.225, 327.532



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 37.553, 326.015

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 92.225, 327.532 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, 97, 254)` looks like.

```
.text, #text, p{  
    color:rgb(254, 97, 254)  
}
```

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, 97, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 97, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 92.225, 327.532 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, 97, 254) }
```

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

```
.border{ border-color:rgb(254, 97, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 97, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 97, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 97, 254);  
box-shadow:4px 4px 4px 4px rgb(254, 97,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 92.225, 327.532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 97, 254) }
```

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

```
.background{ background-color: rgb(254, 97,  
254) }
```

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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