

Converting Colors

CIELCh(67, 89.717, 325.603)

Have a look what the booklet for
CIELCh(67, 89.717, 325.603)
contains.

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Color

CIELCh(67, 89.375, 325.813)

Conversions

Conversions Part 1

Format	Color
Hex	F767FF
RGB	247, 103, 255
RGB Percent	97%, 40%, 100%
CMY	0.0319, 0.5966, 0.0005
CMYK	0.03, 0.60, 0.00, 0.00
HSL	297°, 100%, 70%
HSV	297°, 60%, 100%
XYZ	61.1710, 36.6320, 98.3377
YIQ	163.3840, 37.0320, 77.8000

Conversions

Conversions Part 2

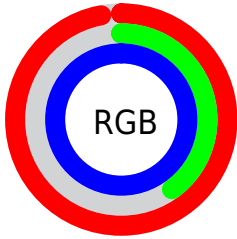
Format	Color
R_{YB}	247, 103, 255
Decimal	16214015
CIE Lab	67.00, 73.93, -50.22
CIE LCh	67, 89.375, 325.813
Yxy	36.6320, 0.3119, 0.1868
Android (android.graphics.Color)	4294404095 (0xFFFF767FF)
YUV	163.3840, 45.1667, 73.3312
Hunter-Lab	60.5244, 74.4894, -53.9651

Details

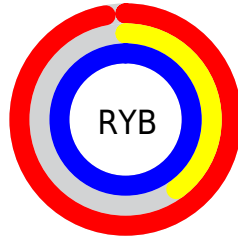
The CIELCh color $67, 89.375, 325.813$ is a light color, and the websafe version is hex `FF66FF`. A complement of this color would be $90, 89.800, 138.281$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 58.540, 326.437$, and $47, 89.572, 325.673$ is the 20% darker color. If you saturate the color by 10%, you get $63, 100.209, 326.075$, and if you desaturate by 10%, it is $71, 76.412, 325.455$.

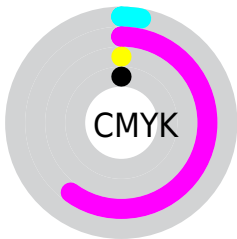
Distribution



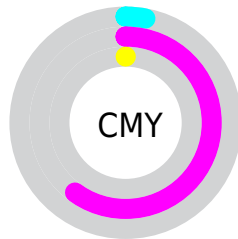
- Red (97%)
- Green (40%)
- Blue (100%)



- Red (97%)
- Yellow (40%)
- Blue (100%)



- Cyan (3%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (60%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 89.375, 325.813 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, 89.375, 325.813 by changing the saturation by 10% instead.


 67, 89.375,
325.813


 67, 89.375,
325.813


 100, 89.375,
325.813


 57, 89.375,
325.813


 87, 89.375,
325.813

 47, 89.375,
325.813

 97, 89.375,
325.813

 37, 89.375,
325.813

 27, 89.375,
325.813

 17, 89.375,
325.813

 7, 89.375, 325.813

 0, 89.375, 325.813

67, 89.375,
325.813

67, 89.375,
325.813

63, 100.209,
326.075

71, 76.412,
325.455

61, 108.339,
326.219

76, 61.976,
325.025

59, 113.436,
326.235

82, 46.653,
324.545

58, 115.787,
326.132

88, 30.913,
324.035

58, 115.853,
326.128

94, 15.100,
323.506

100, 0.066,
137.032

100, 0.058,
108.848

Harmonies

Complementary

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



67, 89.375, 325.813



90, 89.800, 138.281

Rectangle

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



67, 89.375, 325.813



67, 89.375, 15.813



67, 89.375, 145.813



67, 89.375, 195.813

Sweetspot

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



67, 89.372, 325.813



89, 28.333, 323.949



54, 81.045, 297.326



46, 19.704, 324.101



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, 89.372, 325.813



63, 102.435, 326.120



65, 68.104, 346.537



50, 8.911, 323.499



44, 93.345, 326.163



12, 42.925, 326.409

Inverse Universe

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



63, 63.904, 23.887



58, 77.999, 27.932



90, 66.140, 153.605



49, 5.259, 15.683



40, 82.020, 38.009



10, 32.944, 25.061

Previews

White Background



This preview shows how the CIELCh color 67, 89.375, 325.813 looks on a white background.

Color Contrast Check

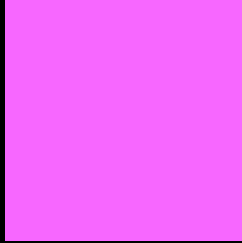
Large Text (above 18pt) WCAG AA × Fail

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, 89.375, 325.813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

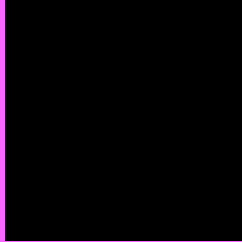
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 89.375, 325.813

Background



This preview shows how black text looks on a background with the CIELCh color 67, 89.375, 325.813.

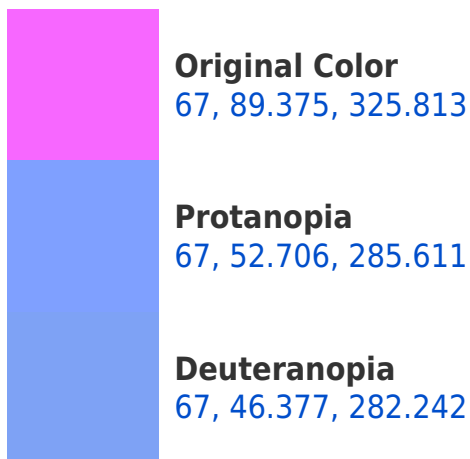


This preview shows how white text looks on a background with the CIELCh color 67, 89.375, 325.813.

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
67, 40.499, 16.232

Trichromacy



Original Color
67, 89.375, 325.813



Protanomaly
65, 65.090, 304.502



Deuteranomaly
65, 61.276, 304.308

Tritanomaly
66, 52.594, 346.990

Monochromacy



Original Color
67, 89.375, 325.813



Achromatopsia
67, 0.008, 296.813



Achromatomaly
65, 35.690, 324.390

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 89.375, 325.813 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(247, 103, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 103, 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(247, 103, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 103, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 89.375, 325.813 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(247, 103, 255) }
```

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

```
.border{ border-color:rgb(247, 103, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 103, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 103, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 103, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 103,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 89.375, 325.813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 103, 255) }
```

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

```
.background{ background-color: rgb(247,  
103, 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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