

Converting Colors

CIELCh(66, 95.774, 327.109)

Have a look what the booklet for
CIELCh(66, 95.774, 327.109)
contains.

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Color

CIELCh(66, 95.574, 327.246)

Conversions

Conversions Part 1

Format	Color
Hex	FD5AFF
RGB	253, 90, 255
RGB Percent	99%, 35%, 100%
CMY	0.0087, 0.6479, 0.0008
CMYK	0.01, 0.65, 0.00, 0.00
HSL	299°, 100%, 68%
HSV	299°, 65%, 100%
XYZ	62.0834, 35.3238, 97.9797
YIQ	157.5470, 44.1830, 85.8710

Conversions

Conversions Part 2

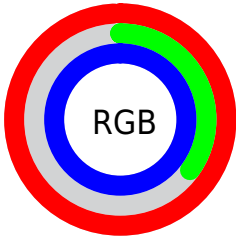
Format	Color
R _Y B	253, 90, 255
Decimal	16603903
CIE Lab	66.00, 80.38, -51.71
CIE LCh	66, 95.574, 327.246
Yxy	35.3238, 0.3177, 0.1808
Android (android.graphics.Color)	4294793983 (0xFFFD5AFF)
YUV	157.5470, 48.0443, 83.7123
Hunter-Lab	59.4338, 82.4483, -56.1389

Details

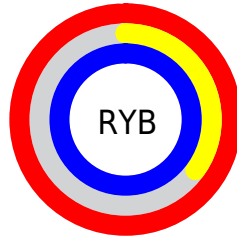
The CIELCh color **66, 95.574, 327.246** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **89, 96.829, 138.422**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 65.041, 326.652**, and **46, 95.633, 327.232** is the 20% darker color. If you saturate the color by 10%, you get **63, 104.876, 327.510**, and if you desaturate by 10%, it is **70, 83.768, 326.892**.

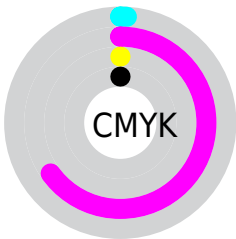
Distribution



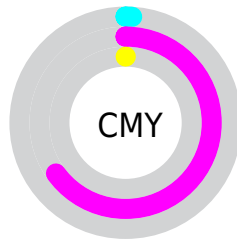
- Red (99%)
- Green (35%)
- Blue (100%)



- Red (99%)
- Yellow (35%)
- Blue (100%)



- Cyan (1%)
- Magenta (65%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (65%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 95.574, 327.246 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 66, 95.574, 327.246 by changing the saturation by 10% instead.


 66, 95.574,
327.246


 66, 95.574,
327.246


 100, 95.574,
327.246


 56, 95.574,
327.246


 86, 95.574,
327.246

 46, 95.574,
327.246

 96, 95.574,
327.246

 36, 95.574,
327.246

 26, 95.574,
327.246

 16, 95.574,
327.246

 6, 95.574, 327.246

 0, 95.574, 327.246

66, 95.574,
327.246

66, 95.574,
327.246

63, 104.876,
327.510

70, 83.768,
326.892

61, 111.256,
327.673

74, 70.072,
326.462

60, 114.651,
327.737

79, 55.111,
325.977

60, 115.556,
327.742

85, 39.435,
325.455

91, 23.471,
324.910

97, 7.529, 324.337

100, 0.094,
118.567

100, 0.093,
109.339

Harmonies

Complementary

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



66, 95.574, 327.246



89, 96.829, 138.422

Rectangle

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



66, 95.574, 327.246



66, 95.574, 17.246



66, 95.574, 147.246



66, 95.574, 197.246

Sweetspot

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



66, 95.571, 327.246



88, 30.270, 325.143



48, 93.783, 300.299



45, 20.841, 325.299



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 95.571, 327.246



62, 107.343, 327.574



63, 70.765, 350.613



50, 9.022, 324.616



45, 93.130, 327.750



12, 42.841, 327.808

Inverse Universe

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



61, 71.110, 28.233



56, 86.446, 32.814



90, 67.767, 155.141



49, 5.252, 18.958



40, 83.673, 39.519



10, 33.266, 26.692

Previews

White Background



This preview shows how the CIELCh color 66, 95.574, 327.246 looks on a white background.

Color Contrast Check

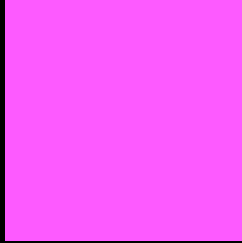
Large Text (above 18pt) WCAG AA × Fail

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 66, 95.574, 327.246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

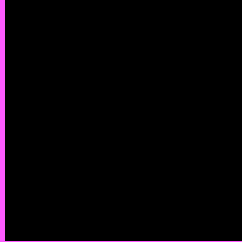
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 95.574, 327.246

Background



This preview shows how black text looks on a background with the CIELCh color 66, 95.574, 327.246.



This preview shows how white text looks on a background with the CIELCh color 66, 95.574, 327.246.

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

66, 95.574, 327.246

Protanopia

66, 54.004, 285.067

Deuteranopia

66, 46.600, 281.448



Tritanopia
66, 46.646, 18.814

Trichromacy



Original Color
66, 95.574, 327.246



Protanomaly
64, 68.733, 305.302



Deuteranomaly
64, 63.909, 305.539



Tritanomaly
65, 58.223, 349.429

Monochromacy



Original Color
66, 95.574, 327.246



Achromatopsia
65, 0.008, 296.813



Achromatomaly
63, 39.399, 325.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 95.574, 327.246 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(253, 90, 255)` looks like.

```
.text, #text, p{  
    color:rgb(253, 90, 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(253, 90, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 90, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 95.574, 327.246 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(253, 90, 255) }
```

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

```
.border{ border-color:rgb(253, 90, 255) }
```

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

Here you see how a box with a 4 pixel rgb(253, 90, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 90, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 90, 255);  
box-shadow:4px 4px 4px 4px rgb(253, 90,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 95.574, 327.246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 90, 255) }
```

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

```
.background{ background-color: rgb(253, 90,  
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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