

Converting Colors

CIELCh(66, 94.346, 329.021)

Have a look what the booklet for
CIELCh(66, 94.346, 329.021)
contains.

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Color

CIELCh(66, 94.223, 328.808)

Conversions

Conversions Part 1

Format	Color
Hex	FF59FA
RGB	255, 89, 250
RGB Percent	100%, 35%, 98%
CMY	0.0000, 0.6525, 0.0214
CMYK	0.00, 0.65, 0.02, 0.00
HSL	302°, 100%, 67%
HSV	302°, 65%, 100%
XYZ	62.1796, 35.3238, 93.6164
YIQ	156.9880, 47.2550, 85.2630

Conversions

Conversions Part 2

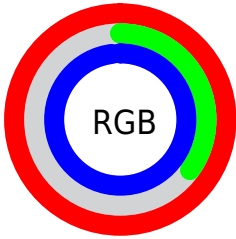
Format	Color
R _Y B	255, 89, 250
Decimal	16734714
CIE Lab	66.00, 80.60, -48.80
CIE LCh	66, 94.223, 328.808
Yxy	35.3238, 0.3253, 0.1848
Android (android.graphics.Color)	4294924794 (0xFFFF59FA)
YUV	156.9880, 45.8549, 85.9565
Hunter-Lab	59.4338, 82.7372, -51.7861

Details

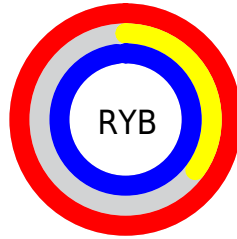
The CIELCh color **66, 94.223, 328.808** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **89, 95.908, 139.292**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 65.041, 326.652**, and **46, 93.684, 328.645** is the 20% darker color. If you saturate the color by 10%, you get **63, 103.045, 329.040**, and if you desaturate by 10%, it is **70, 82.790, 328.277**.

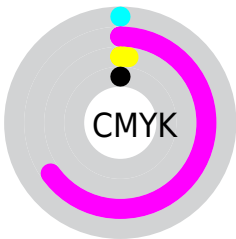
Distribution



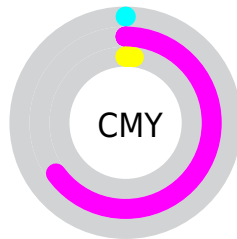
- Red (100%)
- Green (35%)
- Blue (98%)



- Red (100%)
- Yellow (35%)
- Blue (98%)



- Cyan (0%)
- Magenta (65%)
- Yellow (2%)
- Black (0%)




- Cyan (0%)
- Magenta (65%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 94.223, 328.808 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, 94.223, 328.808 by changing the saturation by 10% instead.

 66, 94.223,
328.808


 66, 94.223,
328.808


 100, 94.223,
328.808


 56, 94.223,
328.808


 86, 94.223,
328.808

 46, 94.223,
328.808

 96, 94.223,
328.808

 36, 94.223,
328.808

 26, 94.223,
328.808

 16, 94.223,
328.808

 6, 94.223, 328.808

 0, 94.223, 328.808

66, 94.223,
328.808

66, 94.223,
328.808

63, 103.045,
329.040

70, 82.790,
328.277

61, 108.970,
329.314

74, 69.472,
327.803

60, 111.921,
329.521

79, 54.856,
327.284

60, 112.585,
329.604

85, 39.496,
326.735

91, 23.826,
326.169

97, 8.160, 325.581

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.



66, 94.223, 328.808



89, 95.908, 139.292

Rectangle

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



66, 94.223, 328.808



66, 94.223, 18.808



66, 94.223, 148.808



66, 94.223, 198.808

Sweetspot

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



66, 94.181, 328.693



88, 31.284, 326.440



48, 96.198, 301.213



45, 21.348, 326.598



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, 94.181, 328.693



62, 104.977, 329.123



63, 70.176, 352.981



50, 8.858, 325.837



45, 90.721, 329.580



12, 41.865, 329.413

Inverse Universe

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



66, 94.181, 328.693



62, 104.977, 329.123



90, 66.168, 156.761



50, 8.858, 325.837



45, 90.721, 329.580



12, 41.865, 329.413

Previews

White Background



This preview shows how the CIELCh color 66, 94.223, 328.808 looks on a white background.

Color Contrast Check

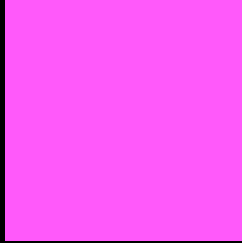
Large Text (above 18pt) WCAG AA × Fail

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, 94.223, 328.808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

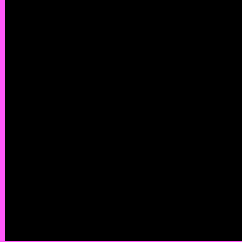
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 94.223, 328.808

Background



This preview shows how black text looks on a background with the CIELCh color 66, 94.223, 328.808.



This preview shows how white text looks on a background with the CIELCh color 66, 94.223, 328.808.

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, 94.190, 328.602

Protanopia

66, 54.557, 285.542

Deuteranopia

66, 44.275, 282.385



Tritanopia
66, 48.786, 19.392

Trichromacy



Original Color
66, 94.190, 328.602



Protanomaly
63, 68.322, 305.860



Deuteranomaly
63, 62.036, 307.223



Tritanomaly
65, 59.176, 351.805

Monochromacy



Original Color
66, 94.190, 328.602



Achromatopsia
65, 0.008, 296.813



Achromatomaly
63, 39.346, 327.060

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 94.223, 328.808 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, 89, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 89, 250)  
}
```

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, 89, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 89, 250) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 94.223, 328.808 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, 89, 250) }
```

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

```
.border{ border-color:rgb(255, 89, 250) }
```

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

Here you see how a box with a 4 pixel rgb(255, 89, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 89, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 89, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 89,  
250) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 94.223, 328.808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 89, 250) }
```

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

```
.background{ background-color: rgb(255, 89,  
250) }
```

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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