

Converting Colors

CIELCh(68, 94.238, 330.139)

Have a look what the booklet for
CIELCh(68, 94.238, 330.139)
contains.

CIELCh(66, 93.695, 328.181)	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(66, 93.695, 328.181)

Conversions

Conversions Part 1

Format	Color
Hex	FE5BFB
RGB	254, 91, 251
RGB Percent	100%, 36%, 98%
CMY	0.0057, 0.6450, 0.0172
CMYK	0.00, 0.64, 0.01, 0.01
HSL	301°, 98%, 67%
HSV	301°, 64%, 99%
XYZ	61.7562, 35.3238, 94.5063
YIQ	157.9770, 45.7880, 84.3160

Conversions

Conversions Part 2

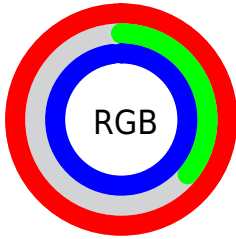
Format	Color
RYB	254, 91, 251
Decimal	16669691
CIELab	66.00, 79.61, -49.40
CIELCh	66, 93.695, 328.181
Yxy	35.3238, 0.3223, 0.1844
Android (android.graphics.Color)	4294859771 (0xFFFE5BFB)
YUV	157.9770, 45.8603, 84.2122
Hunter-Lab	59.4338, 81.4656, -52.6739

Details

The CIELCh color **66, 93.695, 328.181** 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, 95.194, 139.067**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 64.458, 326.633**, and **46, 93.784, 328.222** is the 20% darker color. If you saturate the color by 10%, you get **63, 102.894, 328.504**, and if you desaturate by 10%, it is **70, 82.020, 327.782**.

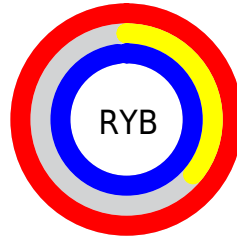
Distribution



Red (100%)

Green (36%)

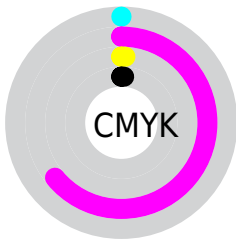
Blue (98%)



Red (100%)

Yellow (36%)

Blue (98%)

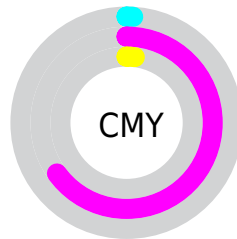


Cyan (0%)

Magenta (64%)

Yellow (1%)

Black (1%)



Cyan (1%)


Magenta (65%)


Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 93.695, 328.181 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, 93.695, 328.181 by changing the saturation by 10% instead.


 66, 93.695,
328.181


 66, 93.695,
328.181


 100, 93.695,
328.181


 56, 93.695,
328.181


 86, 93.695,
328.181

 46, 93.695,
328.181

 96, 93.695,
328.181

 36, 93.695,
328.181

 26, 93.695,
328.181

 16, 93.695,
328.181

 6, 93.695, 328.181

 0, 93.695, 328.181

66, 93.695,
328.181

66, 93.695,
328.181

63, 102.894,
328.504

70, 82.020,
327.782

61, 109.197,
328.745

74, 68.482,
327.319

60, 112.528,
328.908

79, 53.699,
326.809

60, 113.425,
328.975

85, 38.214,
326.267

91, 22.451,
325.707

97, 6.714, 325.116

100, 0.787,
150.229

100, 0.627,
163.980

100, 0.525,
184.855

Harmonies

Complementary

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



66, 93.695, 328.181



89, 95.194, 139.067

Rectangle

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



66, 93.695, 328.181



66, 93.695, 18.181



66, 93.695, 148.181



66, 93.695, 198.181

Sweetspot

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



66, 93.692, 328.181



88, 30.013, 325.972



48, 94.252, 301.003



45, 20.662, 326.132



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, 93.692, 328.181



63, 105.366, 328.578



63, 69.086, 352.772



50, 8.947, 325.432



45, 91.777, 328.962



12, 42.294, 328.873

Inverse Universe

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



66, 93.692, 328.181



63, 105.366, 328.578



90, 65.091, 156.929



50, 8.947, 325.432



45, 91.777, 328.962



12, 42.294, 328.873

Previews

White Background



This preview shows how the CIELCh color 66, 93.695, 328.181 looks on a white background.

Color Contrast Check

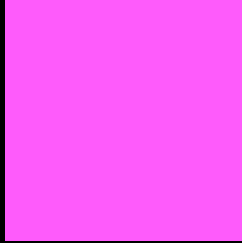
Large Text (above 18pt) WCAG AA × Fail

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, 93.695, 328.181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

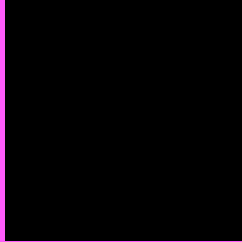
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 93.695, 328.181

Background



This preview shows how black text looks on a background with the CIELCh color 66, 93.695, 328.181.

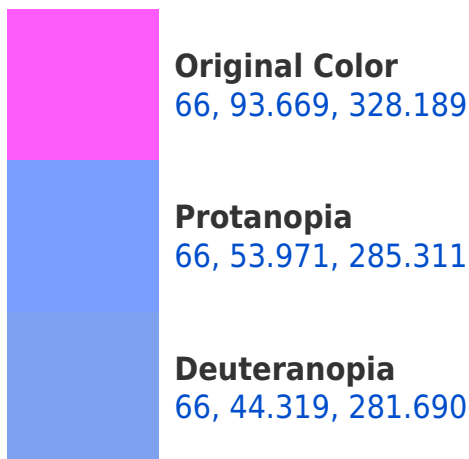


This preview shows how white text looks on a background with the CIELCh color 66, 93.695, 328.181.

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
66, 47.513, 19.056

Trichromacy



Original Color
66, 93.669, 328.189



Protanomaly
64, 67.707, 305.655



Deuteranomaly
64, 61.279, 306.426



Tritanomaly
65, 58.344, 350.972

Monochromacy



Original Color
66, 93.669, 328.189



Achromatopsia
65, 0.008, 296.813



Achromatomaly
63, 39.133, 326.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 93.695, 328.181 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, 91, 251)` looks like.

```
.text, #text, p{  
    color:rgb(254, 91, 251)  
}
```

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, 91, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 91, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 93.695, 328.181 is called "border". The border property can be set on classes, ids or directly on the HTML element.

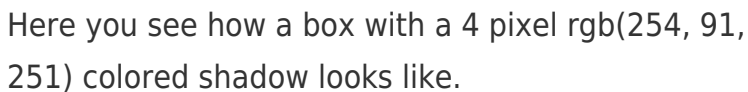
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(254, 91, 251) }
```

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

```
.border{ border-color:rgb(254, 91, 251) }
```

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



Here you see how a box with a 4 pixel `rgb(254, 91, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 91, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 91, 251);  
box-shadow:4px 4px 4px 4px rgb(254, 91,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 93.695, 328.181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 91, 251) }
```

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

```
.background{ background-color: rgb(254, 91,  
251) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor