

Converting Colors

CIELCh(47, 84.422, 338.120)

Have a look what the booklet for
CIELCh(47, 84.422, 338.120)
contains.

CIELCh(47, 84.496, 338.138)	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(47, 84.496, 338.138)

Conversions

Conversions Part 1

Format	Color
Hex	CF01A6
RGB	207, 1, 166
RGB Percent	81%, 0%, 65%
CMY	0.1886, 0.9971, 0.3493
CMYK	0.00, 1.00, 0.20, 0.19
HSL	312°, 99%, 41%
HSV	312°, 100%, 81%
XYZ	32.5930, 16.0195, 37.4147
YIQ	81.4040, 69.8110, 94.9870

Conversions

Conversions Part 2

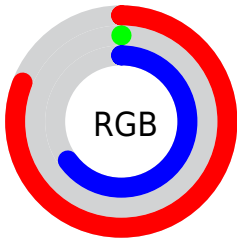
Format	Color
RYB	207, 1, 166
Decimal	13566374
CIELab	47.00, 78.42, -31.46
CIElCh	47, 84.496, 338.138
Yxy	16.0195, 0.3789, 0.1862
Android (android.graphics.Color)	4291756454 (0xFFCF01A6)
YUV	81.4040, 41.7058, 110.1477
Hunter-Lab	40.0243, 75.3155, -27.4072

Details

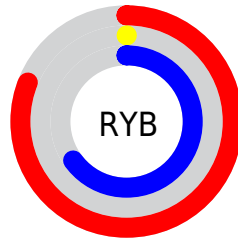
The CIELCh color **47, 84.496, 338.138** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **73, 96.426, 138.459**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **65, 82.472, 335.338**, and **33, 64.729, 339.767** is the 20% darker color. If you saturate the color by 10%, you get **47, 84.518, 338.177**, and if you desaturate by 10%, it is **48, 83.481, 337.082**.

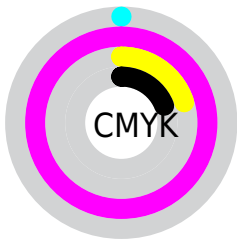
Distribution



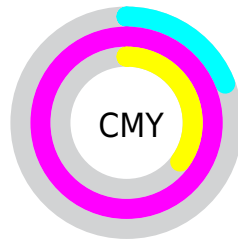
- Red (81%)
- Green (0%)
- Blue (65%)



- Red (81%)
- Yellow (0%)
- Blue (65%)



- Cyan (0%)
- Magenta (100%)
- Yellow (20%)
- Black (19%)



- Cyan (19%)
- Magenta (100%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 84.496, 338.138 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 47, 84.496, 338.138 by changing the saturation by 10% instead.

 47, 84.496,
338.138

 47, 84.496,
338.138


 100, 84.496,
338.138

 37, 84.496,
338.138

 67, 84.496,
338.138


 27, 84.496,
338.138

 77, 84.496,
338.138

 17, 84.496,
338.138

 87, 84.496,
338.138

 7, 84.496, 338.138

 97, 84.496,
338.138

 0, 84.496, 338.138

 47, 84.496,

 47, 84.496,

338.138

338.138

■ 47, 84.518,
338.177

■ 48, 83.481,
337.082

■ 49, 80.267,
336.144

■ 52, 74.566,
335.303

■ 55, 66.677,
334.523

■ 59, 57.090,
333.784

■ 63, 46.335,
333.072

■ 68, 34.887,
332.383

■ 73, 23.116,
331.713

■ 78, 11.291,
331.057

Harmonies

Complementary

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



47, 84.496, 338.138



73, 96.426, 138.459

Rectangle

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



47, 84.496, 338.138



47, 84.496, 28.138



47, 84.496, 158.138



47, 84.496, 208.138

Sweetspot

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



47, 84.493, 338.138



82, 41.825, 332.432



27, 112.713, 307.063



41, 28.472, 332.724



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



47, 84.493, 338.138



58, 98.759, 338.325



44, 74.374, 19.881



41, 6.701, 331.042



38, 72.632, 338.002



5, 26.682, 335.600

Inverse Universe

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



47, 84.493, 338.138



58, 98.759, 338.325



74, 61.693, 160.449



41, 6.701, 331.042



38, 72.632, 338.002



5, 26.682, 335.600

Previews

White Background



This preview shows how the CIELCh color 47, 84.496, 338.138 looks on a white background.

Color Contrast Check

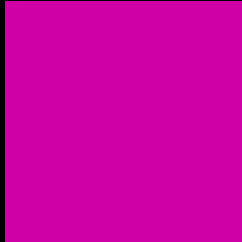
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 47, 84.496, 338.138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

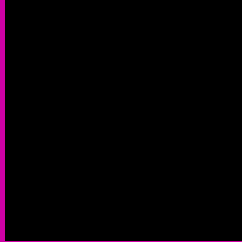
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 84.496, 338.138

Background



This preview shows how black text looks on a background with the CIELCh color 47, 84.496, 338.138.



This preview shows how white text looks on a background with the CIELCh color 47, 84.496, 338.138.

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

47, 84.496, 338.138

Protanopia

48, 72.999, 287.757

Deuteranopia

48, 25.543, 284.460



Tritanopia
47, 60.105, 27.540

Trichromacy



Original Color
47, 84.496, 338.138



Protanomaly
39, 83.403, 301.644



Deuteranomaly
42, 55.585, 320.110



Tritanomaly
46, 64.679, 3.952

Monochromacy



Original Color
47, 84.496, 338.138



Achromatopsia
34, 0.005, 296.813



Achromatomaly
34, 44.717, 334.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 84.496, 338.138 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(207, 1, 166)` looks like.

```
.text, #text, p{  
    color:rgb(207, 1, 166)  
}
```

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(207, 1, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 1, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 84.496, 338.138 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(207, 1, 166) }
```

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

```
.border{ border-color:rgb(207, 1, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 1, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 1, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 1, 166);  
box-shadow:4px 4px 4px 4px rgb(207, 1,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 84.496, 338.138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 1, 166) }
```

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

```
.background{ background-color: rgb(207, 1,  
166) }
```

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