

Converting Colors

CIELCh(45, 98.966, 330.023)

Have a look what the booklet for
CIELCh(45, 98.966, 330.023)
contains.

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Color

CIELCh(47, 92.896, 329.906)

Conversions

Conversions Part 1

Format	Color
Hex	C702BF
RGB	199, 2, 191
RGB Percent	78%, 1%, 75%
CMY	0.2178, 0.9936, 0.2493
CMYK	0.00, 0.99, 0.04, 0.22
HSL	302°, 98%, 39%
HSV	302°, 99%, 78%
XYZ	33.1422, 16.0195, 50.8804
YIQ	82.4490, 56.7430, 100.5430

Conversions

Conversions Part 2

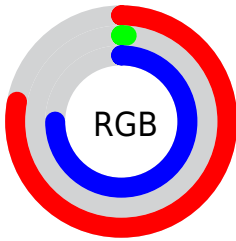
Format	Color
R_{YB}	199, 2, 191
Decimal	13042367
CIE _{Lab}	47.00, 80.37, -46.58
CIE _{LCh}	47, 92.896, 329.906
Yxy	16.0195, 0.3313, 0.1601
Android (android.graphics.Color)	4291232447 (0xFFC702BF)
YUV	82.4490, 53.5156, 102.2152
Hunter-Lab	40.0243, 77.7647, -47.3546

Details

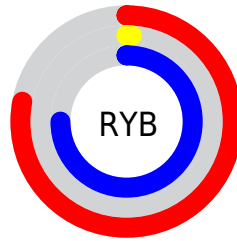
The CIELCh color **47, 92.896, 329.906** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed rose. A complement of this color would be **70, 98.646, 136.341**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **66, 92.169, 328.977**, and **33, 72.770, 329.082** is the 20% darker color. If you saturate the color by 10%, you get **47, 93.025, 329.924**, and if you desaturate by 10%, it is **48, 90.926, 329.683**.

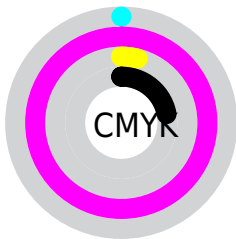
Distribution



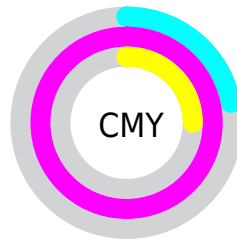
- Red (78%)
- Green (1%)
- Blue (75%)



- Red (78%)
- Yellow (1%)
- Blue (75%)



- Cyan (0%)
- Magenta (99%)
- Yellow (4%)
- Black (22%)



- Cyan (22%)
- Magenta (99%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 92.896, 329.906 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, 92.896, 329.906 by changing the saturation by 10% instead.

 47, 92.896,
329.906

 47, 92.896,
329.906

 100, 92.896,
329.906


 37, 92.896,
329.906

 67, 92.896,
329.906


 27, 92.896,
329.906

 77, 92.896,
329.906

 17, 92.896,
329.906

 87, 92.896,
329.906

 7, 92.896, 329.906

 97, 92.896,
329.906

 0, 92.896, 329.906

 47, 92.896,

 47, 92.896,

329.906

■ 47, 93.025,
329.924

329.906

■ 48, 90.926,
329.683

■ 49, 86.800,
329.408

■ 51, 80.254,
329.068

■ 54, 71.550,
328.663

■ 58, 61.135,
328.202

■ 62, 49.518,
327.695

■ 66, 37.163,
327.158

■ 71, 24.449,
326.601

■ 76, 11.657,
326.031

Harmonies

Complementary

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



47, 92.896, 329.906



70, 98.646, 136.341

Rectangle

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



47, 92.896, 329.906



47, 92.896, 19.906



47, 92.896, 149.906



47, 92.896, 199.906

Sweetspot

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



47, 92.894, 329.906



82, 46.606, 327.226



24, 110.653, 306.309



41, 31.711, 327.458



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, 92.894, 329.906



60, 111.878, 329.949



43, 70.048, 5.115



39, 7.181, 326.042



38, 80.192, 329.898



4, 25.831, 328.371

Inverse Universe

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



47, 92.894, 329.906



60, 111.878, 329.949



71, 71.296, 150.927



39, 7.181, 326.042



38, 80.192, 329.898



4, 25.831, 328.371

Previews

White Background



This preview shows how the CIELCh color 47, 92.896, 329.906 looks on a white background.

Color Contrast Check

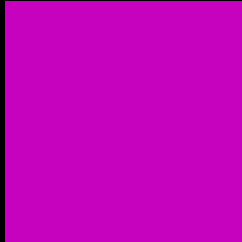
Large Text (above 18pt) WCAG AA ✓ Pass

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, 92.896, 329.906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

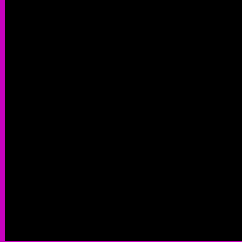
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 92.896, 329.906

Background



This preview shows how black text looks on a background with the CIELCh color 47, 92.896, 329.906.



This preview shows how white text looks on a background with the CIELCh color 47, 92.896, 329.906.

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, 92.703, 329.902

Protanopia

48, 71.914, 287.379

Deuteranopia

48, 40.185, 280.568



Tritanopia
47, 50.414, 24.313

Trichromacy



Original Color
47, 92.703, 329.902



Protanomaly
39, 87.762, 301.676



Deuteranomaly
42, 67.245, 310.132



Tritanomaly
45, 62.136, 353.288

Monochromacy



Original Color
47, 92.703, 329.902



Achromatopsia
35, 0.005, 296.813



Achromatomaly
35, 48.083, 328.529

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 92.896, 329.906 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(199, 2, 191)` looks like.

```
.text, #text, p{  
    color:rgb(199, 2, 191)  
}
```

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(199, 2, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 2, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 92.896, 329.906 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(199, 2, 191) }
```

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

```
.border{ border-color:rgb(199, 2, 191) }
```

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

Here you see how a box with a 4 pixel rgb(199, 2, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 2, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 2, 191);  
box-shadow:4px 4px 4px 4px rgb(199, 2,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 92.896, 329.906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 2, 191) }
```

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

```
.background{ background-color: rgb(199, 2,  
191) }
```

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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