

Converting Colors

CIELCh(47, 98.944, 325.764)

Have a look what the booklet for
CIELCh(47, 98.944, 325.764)
contains.

CIELCh(47, 98.916, 325.746)	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, 98.916, 325.746)

Conversions

Conversions Part 1

Format	Color
Hex	C202CF
RGB	194, 2, 207
RGB Percent	76%, 1%, 81%
CMY	0.2392, 0.9920, 0.1882
CMYK	0.06, 0.99, 0.00, 0.19
HSL	296°, 98%, 41%
HSV	296°, 99%, 81%
XYZ	33.5351, 16.0195, 60.3611
YIQ	82.7780, 48.6270, 104.4590

Conversions

Conversions Part 2

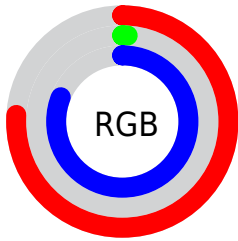
Format	Color
RYB	194, 2, 207
Decimal	12714703
CIELab	47.00, 81.76, -55.68
CIELCh	47, 98.916, 325.746
Yxy	16.0195, 0.3051, 0.1457
Android (android.graphics.Color)	4290904783 (0xFFC202CF)
YUV	82.7780, 61.2414, 97.5417
Hunter-Lab	40.0243, 79.5168, -61.3990

Details

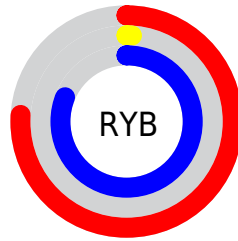
The CIELCh color **47, 98.916, 325.746** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **73, 101.795, 135.811**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **67, 94.851, 327.605**, and **33, 79.157, 323.973** is the 20% darker color. If you saturate the color by 10%, you get **47, 99.115, 325.733**, and if you desaturate by 10%, it is **48, 96.461, 325.856**.

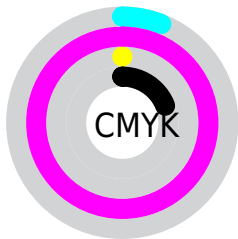
Distribution



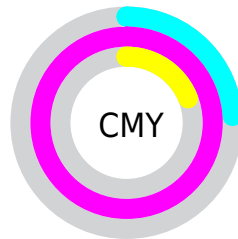
- Red (76%)
- Green (1%)
- Blue (81%)



- Red (76%)
- Yellow (1%)
- Blue (81%)



- Cyan (6%)
- Magenta (99%)
- Yellow (0%)
- Black (19%)



- Cyan (24%)
- Magenta (99%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 98.916, 325.746 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, 98.916, 325.746 by changing the saturation by 10% instead.

 47, 98.916,
325.746


 47, 98.916,
325.746

 100, 98.916,
325.746

 37, 98.916,
325.746

 67, 98.916,
325.746


 27, 98.916,
325.746

 77, 98.916,
325.746

 17, 98.916,
325.746

 87, 98.916,
325.746

 7, 98.916, 325.746

 97, 98.916,
325.746

 0, 98.916, 325.746

 47, 98.916,

 47, 98.916,

325.746

325.746

■ 47, 99.115,
325.733

■ 48, 96.461,
325.856

■ 50, 91.686,
325.842

■ 52, 84.397,
325.697

■ 55, 74.922,
325.436

■ 59, 63.763,
325.080

■ 63, 51.457,
324.655

■ 68, 38.476,
324.183

■ 73, 25.194,
323.683

■ 78, 11.880,
323.166

Harmonies

Complementary

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



47, 98.916, 325.746



73, 101.795, 135.811

Rectangle

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



47, 98.916, 325.746



47, 98.916, 15.746



47, 98.916, 145.746



47, 98.916, 195.746

Sweetspot

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



47, 98.914, 325.746



82, 47.108, 324.249



26, 110.894, 305.477



41, 32.080, 324.453



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, 98.914, 325.746



58, 115.993, 325.704



45, 73.528, 355.799



41, 7.544, 323.187



38, 84.961, 325.769



5, 30.588, 325.497

Inverse Universe

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



43, 86.253, 37.525



53, 102.085, 38.202



73, 81.088, 146.057



41, 4.469, 14.796



35, 73.889, 37.252



4, 20.029, 16.509

Previews

White Background



This preview shows how the CIELCh color 47, 98.916, 325.746 looks on a white background.

Color Contrast Check

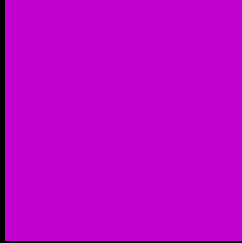
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 47, 98.916, 325.746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

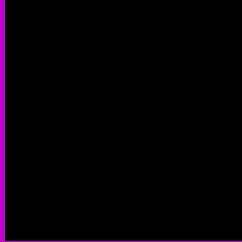
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 98.916, 325.746

Background



This preview shows how black text looks on a background with the CIELCh color 47, 98.916, 325.746.



This preview shows how white text looks on a background with the CIELCh color 47, 98.916, 325.746.

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, 98.916, 325.746

Protanopia

48, 71.914, 287.379

Deuteranopia

48, 48.784, 279.162



Tritanopia
47, 43.887, 21.767

Trichromacy



Original Color
47, 98.916, 325.746



Protanomaly
40, 90.484, 301.639



Deuteranomaly
41, 75.453, 305.288



Tritanomaly
45, 61.292, 346.682

Monochromacy



Original Color
47, 98.916, 325.746



Achromatopsia
35, 0.005, 296.813



Achromatomaly
35, 50.032, 325.198

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 98.916, 325.746 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(194, 2, 207)` looks like.

```
.text, #text, p{  
    color:rgb(194, 2, 207)  
}
```

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(194, 2, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 2, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 98.916, 325.746 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(194, 2, 207) }
```

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

```
.border{ border-color:rgb(194, 2, 207) }
```

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

Here you see how a box with a 4 pixel rgb(194, 2, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 2, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 2, 207);  
box-shadow:4px 4px 4px 4px rgb(194, 2,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 98.916, 325.746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 2, 207) }
```

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

```
.background{ background-color: rgb(194, 2,  
207) }
```

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](#)