

Converting Colors

CIELCh(47, 97.889, 326.562)

Have a look what the booklet for
CIELCh(47, 97.889, 326.562)
contains.

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Color

CIELCh(47, 97.901, 326.489)

Conversions

Conversions Part 1

Format	Color
Hex	C301CC
RGB	195, 1, 204
RGB Percent	76%, 0%, 80%
CMY	0.2344, 0.9968, 0.1992
CMYK	0.04, 1.00, 0.00, 0.20
HSL	297°, 99%, 40%
HSV	297°, 100%, 80%
XYZ	33.4977, 16.0195, 58.5875
YIQ	82.1480, 50.4610, 104.2610

Conversions

Conversions Part 2

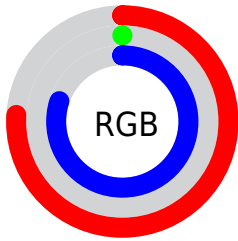
Format	Color
R_{YB}	195, 1, 204
Decimal	12779980
CIE Lab	47.00, 81.63, -54.05
CIE LCh	47, 97.901, 326.489
Yxy	16.0195, 0.3099, 0.1482
Android (android.graphics.Color)	4290970060 (0xFFC301CC)
YUV	82.1480, 60.0730, 98.9712
Hunter-Lab	40.0243, 79.3502, -58.7715

Details

The CIELCh color **47, 97.901, 326.489** 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 **72, 101.003, 135.869**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **66, 95.273, 327.618**, and **33, 77.831, 324.895** is the 20% darker color. If you saturate the color by 10%, you get **47, 97.978, 326.486**, and if you desaturate by 10%, it is **48, 95.590, 326.546**.

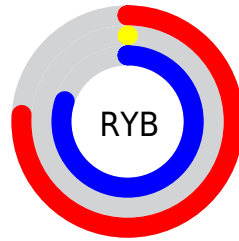
Distribution



Red (76%)

Green (0%)

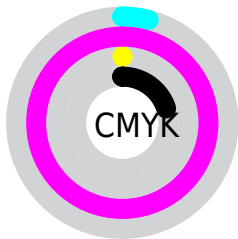
Blue (80%)



Red (76%)

Yellow (0%)

Blue (80%)

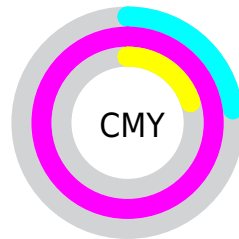


Cyan (4%)

Magenta (100%)

Yellow (0%)

Black (20%)



Cyan (23%)

Magenta (100%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 97.901, 326.489 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, 97.901, 326.489 by changing the saturation by 10% instead.

 47, 97.901,
326.489

 47, 97.901,
326.489

 100, 97.901,
326.489


 37, 97.901,
326.489

 67, 97.901,
326.489


 27, 97.901,
326.489

 77, 97.901,
326.489

 17, 97.901,
326.489

 87, 97.901,
326.489

 7, 97.901, 326.489

 97, 97.901,
326.489

 0, 97.901, 326.489

 47, 97.901,

 47, 97.901,

326.489

326.489

■ 47, 97.978,
326.486

■ 48, 95.590,
326.546

■ 49, 91.083,
326.497

■ 52, 84.088,
326.329

■ 55, 74.892,
326.052

■ 58, 63.973,
325.686

■ 62, 51.856,
325.252

■ 67, 39.017,
324.771

■ 72, 25.838,
324.261

■ 77, 12.598,
323.734

Harmonies

Complementary

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



47, 97.901, 326.489



72, 101.003, 135.869

Rectangle

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



47, 97.901, 326.489



47, 97.901, 16.489



47, 97.901, 146.489



47, 97.901, 196.489

Sweetspot

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



47, 97.899, 326.489



82, 47.342, 324.810



26, 110.850, 305.727



41, 32.230, 325.019



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, 97.899, 326.489



58, 115.833, 326.464



44, 72.435, 357.476



40, 7.436, 323.723



38, 83.897, 326.512



5, 28.604, 325.814

Inverse Universe

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



43, 86.424, 38.352



53, 102.893, 38.805



72, 79.257, 146.687



40, 4.372, 16.349



34, 73.762, 38.009



4, 17.933, 17.227

Previews

White Background



This preview shows how the CIELCh color 47, 97.901, 326.489 looks on a white background.

Color Contrast Check

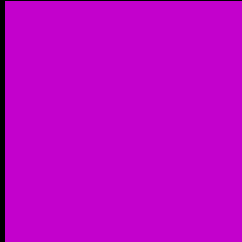
Large Text (above 18pt) WCAG AA ✓ Pass

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, 97.901, 326.489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

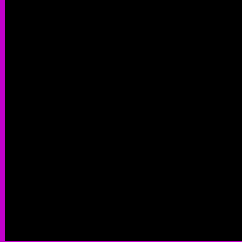
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 97.901, 326.489

Background



This preview shows how black text looks on a background with the CIELCh color 47, 97.901, 326.489.



This preview shows how white text looks on a background with the CIELCh color 47, 97.901, 326.489.

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, 97.805, 326.484

Protanopia

48, 71.914, 287.379

Deuteranopia

48, 46.963, 279.211



Tritanopia
47, 45.237, 22.165

Trichromacy



Original Color
47, 97.805, 326.484



Protanomaly
39, 89.953, 301.605



Deuteranomaly
41, 73.765, 306.158



Tritanomaly
45, 61.594, 348.163

Monochromacy



Original Color
47, 97.805, 326.484



Achromatopsia
35, 0.005, 296.813



Achromatomaly
34, 50.258, 326.058

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 97.901, 326.489 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(195, 1, 204)` looks like.

```
.text, #text, p{  
    color:rgb(195, 1, 204)  
}
```

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(195, 1, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 1, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 97.901, 326.489 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(195, 1, 204) }
```

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

```
.border{ border-color:rgb(195, 1, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 1, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 1, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 1, 204);  
box-shadow:4px 4px 4px 4px rgb(195, 1,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 97.901, 326.489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 1, 204) }
```

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

```
.background{ background-color: rgb(195, 1,  
204) }
```

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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