

Converting Colors

CIELCh(47, 99.864, 325.737)

Have a look what the booklet for
CIELCh(47, 99.864, 325.737)
contains.

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Color

CIELCh(47, 99.463, 325.769)

Conversions

Conversions Part 1

Format	Color
Hex	C200CF
RGB	194, 0, 207
RGB Percent	76%, 0%, 81%
CMY	0.2374, 1.0000, 0.1863
CMYK	0.06, 1.00, 0.00, 0.19
HSL	296°, 100%, 41%
HSV	296°, 100%, 81%
XYZ	33.6704, 16.0195, 60.6646
YIQ	81.6040, 49.1770, 105.5050

Conversions

Conversions Part 2

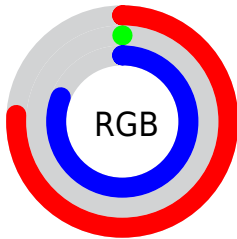
Format	Color
RYB	194, 0, 207
Decimal	12714191
CIELab	47.00, 82.23, -55.95
CIElCh	47, 99.463, 325.769
Yxy	16.0195, 0.3051, 0.1452
Android (android.graphics.Color)	4290904271 (0xFFC200CF)
YUV	81.6040, 61.8202, 98.5713
Hunter-Lab	40.0243, 80.1203, -61.8485

Details

The CIELCh color **47, 99.463, 325.769** 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, 102.211, 135.786**, 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, 79.157, 323.973** is the 20% darker color. If you saturate the color by 10%, you get **47, 99.283, 325.759**, and if you desaturate by 10%, it is **48, 96.965, 325.873**.

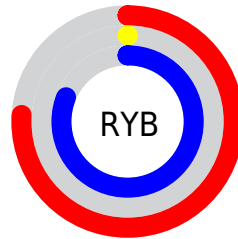
Distribution



Red (76%)

Green (0%)

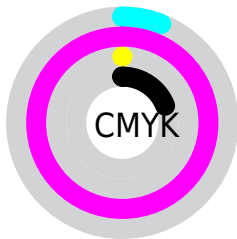
Blue (81%)



Red (76%)

Yellow (0%)

Blue (81%)

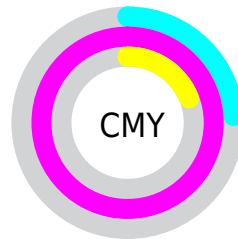


Cyan (6%)

Magenta (100%)

Yellow (0%)

Black (19%)



Cyan (24%)

Magenta (100%)


Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 99.463, 325.769 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, 99.463, 325.769 by changing the saturation by 10% instead.


 47, 99.463,
325.769


 47, 99.463,
325.769


 100, 99.463,
325.769


 37, 99.463,
325.769

 67, 99.463,
325.769


 27, 99.463,
325.769

 77, 99.463,
325.769

 17, 99.463,
325.769

 87, 99.463,
325.769

 7, 99.463, 325.769

 97, 99.463,
325.769

 0, 99.463, 325.769

 47, 99.463,

 47, 99.463,

325.769

■ 47, 99.283,
325.759

325.769

■ 48, 96.965,
325.873

■ 50, 92.442,
325.872

■ 52, 85.384,
325.739

■ 55, 76.091,
325.487

■ 59, 65.056,
325.140

■ 63, 52.819,
324.720

■ 68, 39.862,
324.251

■ 73, 26.569,
323.752

■ 78, 13.221,
323.236

Harmonies

Complementary

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



47, 99.463, 325.769



73, 102.211, 135.786

Rectangle

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



47, 99.463, 325.769



47, 99.463, 15.769



47, 99.463, 145.769



47, 99.463, 195.769

Sweetspot

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



47, 99.283, 325.759



82, 47.116, 324.268



26, 111.627, 305.574



41, 32.085, 324.472



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, 99.283, 325.759



58, 115.987, 325.730



45, 73.730, 356.131



41, 7.546, 323.205



38, 84.957, 325.794



5, 30.593, 325.522

Inverse Universe

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



43, 86.966, 37.824



53, 102.115, 38.225



73, 81.718, 145.847



41, 4.468, 14.850



35, 73.914, 37.279



4, 20.028, 16.540

Previews

White Background



This preview shows how the CIELCh color 47, 99.463, 325.769 looks on a white background.

Color Contrast Check

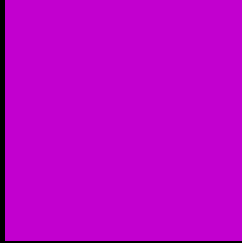
Large Text (above 18pt) WCAG AA ✓ Pass

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, 99.463, 325.769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

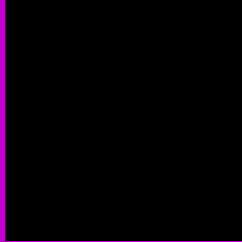
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 47, 99.463, 325.769

Background



This preview shows how black text looks on a background with the CIELCh color 47, 99.463, 325.769.



This preview shows how white text looks on a background with the CIELCh color 47, 99.463, 325.769.

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, 99.107, 325.758

Protanopia

48, 71.302, 286.993

Deuteranopia

48, 48.234, 278.519



Tritanopia
47, 43.887, 21.767

Trichromacy



Original Color
47, 99.107, 325.758



Protanomaly
40, 90.484, 301.639



Deuteranomaly
41, 75.995, 305.266

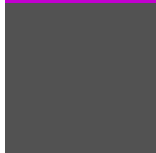


Tritanomaly
45, 61.292, 346.682

Monochromacy



Original Color
47, 99.107, 325.758



Achromatopsia
35, 0.005, 296.813



Achromatomaly
34, 51.188, 325.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 99.463, 325.769 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, 0, 207)` looks like.

```
.text, #text, p{  
    color:rgb(194, 0, 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, 0, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 0, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 99.463, 325.769 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, 0, 207) }
```

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

```
.border{ border-color:rgb(194, 0, 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, 0, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 0, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 0, 207);  
box-shadow:4px 4px 4px 4px rgb(194, 0,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 99.463, 325.769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 0, 207) }
```

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

```
.background{ background-color: rgb(194, 0,  
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](#).

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