

Converting Colors

CIELCh(47, 96.937, 324.470)

Have a look what the booklet for
CIELCh(47, 96.937, 324.470)
contains.

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Color

CIELCh(47, 96.976, 324.464)

Conversions

Conversions Part 1

Format	Color
Hex	BD17D0
RGB	189, 23, 208
RGB Percent	74%, 9%, 82%
CMY	0.2583, 0.9087, 0.1838
CMYK	0.09, 0.89, 0.00, 0.18
HSL	294°, 80%, 45%
HSV	294°, 89%, 82%
XYZ	32.7315, 16.0195, 61.1223
YIQ	93.7240, 39.5510, 92.7270

Conversions

Conversions Part 2

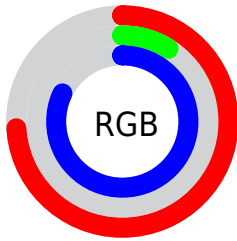
Format	Color
R_{YB}	189, 23, 208
Decimal	12392400
CIE _{Lab}	47.00, 78.91, -56.36
CIE _{LCh}	47, 96.976, 324.464
Yxy	16.0195, 0.2979, 0.1458
Android (android.graphics.Color)	4290582480 (0xFFBD17D0)
YUV	93.7240, 56.3381, 83.5571
Hunter-Lab	40.0243, 75.9331, -62.5265

Details

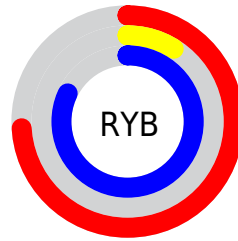
The CIELCh color **47, 96.976, 324.464** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed purple. A complement of this color would be **73, 98.587, 135.631**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 92.736, 326.365**, and **32, 79.813, 322.800** is the 20% darker color. If you saturate the color by 10%, you get **46, 99.601, 324.250**, and if you desaturate by 10%, it is **49, 91.946, 324.527**.

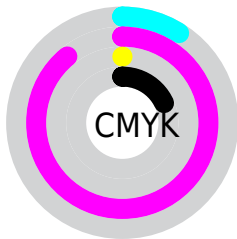
Distribution



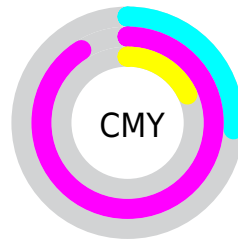
- Red (74%)
- Green (9%)
- Blue (82%)



- Red (74%)
- Yellow (9%)
- Blue (82%)



- Cyan (9%)
- Magenta (89%)
- Yellow (0%)
- Black (18%)



- Cyan (26%)
- Magenta (91%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 96.976, 324.464 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, 96.976, 324.464 by changing the saturation by 10% instead.

 47, 96.976,
324.464

 47, 96.976,
324.464

 100, 96.976,
324.464


 37, 96.976,
324.464

 67, 96.976,
324.464


 27, 96.976,
324.464

 77, 96.976,
324.464

 17, 96.976,
324.464

 87, 96.976,
324.464

 7, 96.976, 324.464

 97, 96.976,
324.464


 0, 96.976, 324.464

 47, 96.976,


 47, 96.976,


324.464

324.464


 46, 99.601,
324.250


 49, 91.946,
324.527


 46, 99.858,
324.221


 52, 84.390,
324.433


 55, 74.687,
324.207

 59, 63.372,
323.877

 63, 50.989,
323.472

 68, 38.002,
323.019

 73, 24.766,
322.538

 79, 11.535,
322.041

Harmonies

Complementary

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



47, 96.976, 324.464



73, 98.587, 135.631

Rectangle

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



47, 96.976, 324.464



47, 96.976, 14.464



47, 96.976, 144.464



47, 96.976, 194.464

Sweetspot

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



47, 96.974, 324.464



83, 41.989, 322.948



31, 99.057, 302.622



42, 28.285, 323.110



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, 96.974, 324.464



56, 116.399, 324.176



47, 74.530, 348.762



41, 7.455, 322.072



37, 85.246, 324.279



5, 30.239, 324.008

Inverse Universe

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



45, 78.134, 31.226



53, 100.039, 36.581



74, 79.697, 146.168



41, 4.492, 11.643



35, 72.255, 35.378



4, 20.059, 14.683

Previews

White Background



This preview shows how the CIELCh color 47, 96.976, 324.464 looks on a white background.

Color Contrast Check

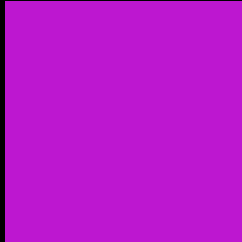
Large Text (above 18pt) WCAG AA ✓ Pass

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, 96.976, 324.464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

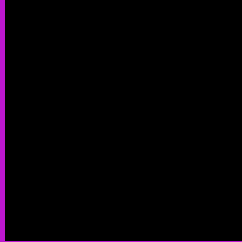
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 96.976, 324.464

Background



This preview shows how black text looks on a background with the CIELCh color 47, 96.976, 324.464.



This preview shows how white text looks on a background with the CIELCh color 47, 96.976, 324.464.

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, 96.976, 324.464

Protanopia

48, 70.829, 286.988

Deuteranopia

48, 49.567, 278.307



Tritanopia
47, 40.366, 21.456

Trichromacy



Original Color
47, 96.976, 324.464



Protanomaly
41, 85.123, 299.702



Deuteranomaly
42, 71.146, 302.159



Tritanomaly
45, 56.306, 345.656

Monochromacy



Original Color
47, 96.976, 324.464



Achromatopsia
40, 0.006, 296.813



Achromatomaly
39, 45.911, 323.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 96.976, 324.464 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(189, 23, 208)` looks like.

```
.text, #text, p{  
    color:rgb(189, 23, 208)  
}
```

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(189, 23, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 23, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 96.976, 324.464 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(189, 23, 208) }
```

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

```
.border{ border-color:rgb(189, 23, 208) }
```

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

Here you see how a box with a 4 pixel rgb(189, 23, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 23, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 23, 208);  
box-shadow:4px 4px 4px 4px rgb(189, 23,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 96.976, 324.464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 23, 208) }
```

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

```
.background{ background-color: rgb(189, 23,  
208) }
```

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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