

Converting Colors

CIELCh(48, 102.064, 324.820)

Have a look what the booklet for
CIELCh(48, 102.064, 324.820)
contains.

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Color

CIELCh(48, 101.957, 324.930)

Conversions

Conversions Part 1

Format	Color
Hex	C502D7
RGB	197, 2, 215
RGB Percent	77%, 1%, 84%
CMY	0.2278, 0.9935, 0.1572
CMYK	0.08, 0.99, 0.00, 0.16
HSL	295°, 98%, 42%
HSV	295°, 99%, 84%
XYZ	35.2722, 16.7945, 65.6095
YIQ	84.5870, 47.8470, 107.5830

Conversions

Conversions Part 2

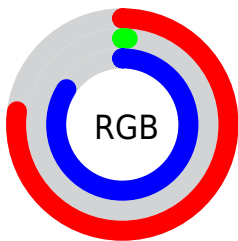
Format	Color
R _Y B	197, 2, 215
Decimal	12911319
CIE Lab	48.00, 83.45, -58.58
CIE LCh	48, 101.957, 324.930
Yxy	16.7945, 0.2997, 0.1427
Android (android.graphics.Color)	4291101399 (0xFFC502D7)
YUV	84.5870, 64.2936, 98.5862
Hunter-Lab	40.9810, 81.9172, -66.2350

Details

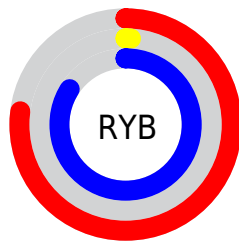
The CIELCh color **48, 101.957, 324.930** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **75, 104.618, 135.709**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **67, 94.425, 327.592**, and **34, 81.994, 323.211** is the 20% darker color. If you saturate the color by 10%, you get **48, 102.116, 324.915**, and if you desaturate by 10%, it is **49, 99.454, 325.104**.

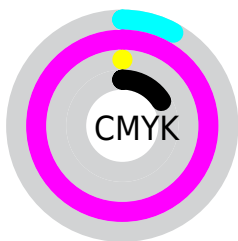
Distribution



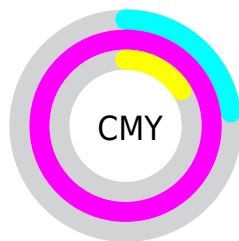
- Red (77%)
- Green (1%)
- Blue (84%)



- Red (77%)
- Yellow (1%)
- Blue (84%)



- Cyan (8%)
- Magenta (99%)
- Yellow (0%)
- Black (16%)





- Cyan (23%)
- Magenta (99%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 101.957, 324.930 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 48, 101.957, 324.930 by changing the saturation by 10% instead.


 48, 101.957,
324.930


 48, 101.957,
324.930


 100, 101.957,
324.930


 38, 101.957,
324.930


 68, 101.957,
324.930


 28, 101.957,
324.930


 78, 101.957,
324.930

 18, 101.957,
324.930

 88, 101.957,
324.930

 8, 101.957,
324.930

 98, 101.957,
324.930

 0, 101.957,
324.930

 48, 101.957,

 48, 101.957,

324.930

324.930

■ 48, 102.116,
324.915

■ 49, 99.454,
325.104

■ 51, 94.539,
325.140

■ 53, 87.016,
325.030

■ 57, 77.237,
324.793

■ 61, 65.737,
324.455

■ 65, 53.075,
324.043

■ 70, 39.739,
323.582

■ 75, 26.110,
323.092

■ 81, 12.459,
322.586

Harmonies

Complementary

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



48, 101.957, 324.930



75, 104.618, 135.709

Rectangle

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



48, 101.957, 324.930



48, 101.957, 14.930



48, 101.957, 144.930



48, 101.957, 194.930

Sweetspot

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



48, 101.955, 324.930



81, 46.859, 323.632



28, 112.217, 305.012



41, 31.920, 323.832



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48, 101.955, 324.930



57, 116.197, 324.883



47, 76.632, 353.011



42, 7.647, 322.596



38, 86.056, 324.966



6, 32.414, 325.039

Inverse Universe

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



45, 87.948, 36.772



53, 101.050, 37.400



76, 86.169, 144.576



42, 4.570, 13.111



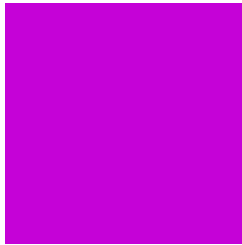
35, 73.906, 36.358



5, 21.964, 16.002

Previews

White Background



This preview shows how the CIELCh color 48, 101.957, 324.930 looks on a white background.

Color Contrast Check

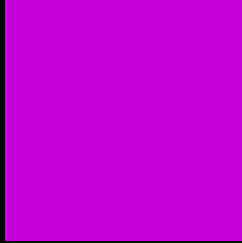
Large Text (above 18pt) WCAG AA ✓ Pass

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 48, 101.957, 324.930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

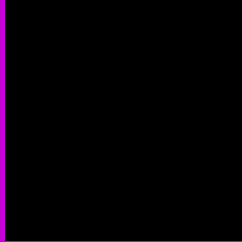
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 48, 101.957, 324.930

Background



This preview shows how black text looks on a background with the CIELCh color 48, 101.957, 324.930.



This preview shows how white text looks on a background with the CIELCh color 48, 101.957, 324.930.

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

48, 101.957, 324.930

Protanopia

49, 72.787, 287.194

Deuteranopia

49, 51.102, 278.501



Tritanopia
48, 43.257, 21.455

Trichromacy



Original Color
48, 101.957, 324.930



Protanomaly
41, 92.435, 301.555



Deuteranomaly
42, 78.648, 304.062



Tritanomaly
46, 61.902, 345.621

Monochromacy



Original Color
48, 101.957, 324.930



Achromatopsia
36, 0.005, 296.813



Achromatomaly
35, 52.095, 324.558

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 101.957, 324.930 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(197, 2, 215)` looks like.

```
.text, #text, p{  
    color:rgb(197, 2, 215)  
}
```

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(197, 2, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 2, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 101.957, 324.930 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(197, 2, 215) }
```

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

```
.border{ border-color:rgb(197, 2, 215) }
```

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

Here you see how a box with a 4 pixel rgb(197, 2, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 2, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 2, 215);  
box-shadow:4px 4px 4px 4px rgb(197, 2,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 101.957, 324.930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 2, 215) }
```

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

```
.background{ background-color: rgb(197, 2,  
215) }
```

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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