

Converting Colors

CIELCh(48, 98.699, 326.844)

Have a look what the booklet for
CIELCh(48, 98.699, 326.844)
contains.

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Color

CIELCh(48, 98.729, 326.883)

Conversions

Conversions Part 1

Format	Color
Hex	C802CF
RGB	200, 2, 207
RGB Percent	78%, 1%, 81%
CMY	0.2162, 0.9939, 0.1887
CMYK	0.03, 0.99, 0.00, 0.19
HSL	298°, 98%, 41%
HSV	298°, 99%, 81%
XYZ	35.0501, 16.7945, 60.3486
YIQ	84.5720, 52.2030, 105.7310

Conversions

Conversions Part 2

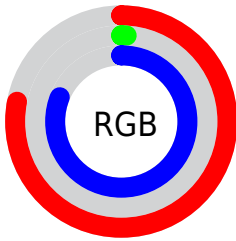
Format	Color
R_{YB}	200, 2, 207
Decimal	13107919
CIE _{Lab}	48.00, 82.69, -53.94
CIE _{LCh}	48, 98.729, 326.883
Yxy	16.7945, 0.3124, 0.1497
Android (android.graphics.Color)	4291297999 (0xFFC802CF)
YUV	84.5720, 60.3570, 101.2304
Hunter-Lab	40.9810, 80.9499, -58.6237

Details

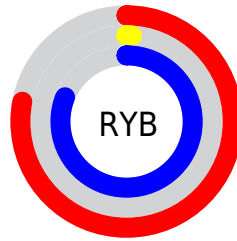
The CIELCh color **48, 98.729, 326.883** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **73, 101.964, 135.920**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **67, 94.425, 327.592**, and **34, 78.879, 325.450** is the 20% darker color. If you saturate the color by 10%, you get **48, 98.873, 326.880**, and if you desaturate by 10%, it is **49, 96.401, 326.910**.

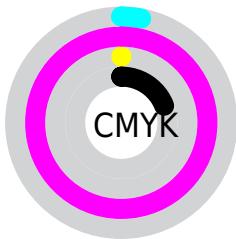
Distribution



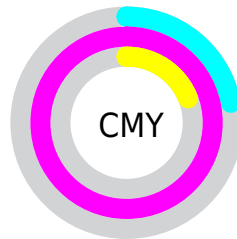
- Red (78%)
- Green (1%)
- Blue (81%)



- Red (78%)
- Yellow (1%)
- Blue (81%)



- Cyan (3%)
- Magenta (99%)
- Yellow (0%)
- Black (19%)




- Cyan (22%)
- Magenta (99%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 98.729, 326.883 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, 98.729, 326.883 by changing the saturation by 10% instead.

 48, 98.729,
326.883


 48, 98.729,
326.883


 100, 98.729,
326.883


 38, 98.729,
326.883

 68, 98.729,
326.883


 28, 98.729,
326.883

 78, 98.729,
326.883

 18, 98.729,
326.883

 88, 98.729,
326.883

 8, 98.729, 326.883

 98, 98.729,
326.883

 0, 98.729, 326.883

 48, 98.729,

 48, 98.729,

326.883

326.883

■ 48, 98.873,
326.880

■ 49, 96.401,
326.910

■ 50, 91.815,
326.834

■ 53, 84.721,
326.646

■ 56, 75.404,
326.354

■ 59, 64.344,
325.977

■ 64, 52.069,
325.533

■ 68, 39.062,
325.045

■ 73, 25.708,
324.528

■ 78, 12.293,
323.993

Harmonies

Complementary

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



48, 98.729, 326.883



73, 101.964, 135.920

Rectangle

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



48, 98.729, 326.883



48, 98.729, 16.883



48, 98.729, 146.883



48, 98.729, 196.883

Sweetspot

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



48, 98.727, 326.883



82, 47.465, 325.101



26, 111.798, 305.707



41, 32.309, 325.312



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, 98.727, 326.883



59, 115.760, 326.864



45, 73.104, 357.385



41, 7.612, 324.003



39, 84.797, 326.899



5, 30.837, 326.584

Inverse Universe

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



43, 87.500, 38.630



53, 103.261, 39.073



73, 79.895, 146.742



41, 4.460, 17.165



35, 75.040, 38.466



4, 20.018, 17.875

Previews

White Background



This preview shows how the CIELCh color 48, 98.729, 326.883 looks on a white background.

Color Contrast Check

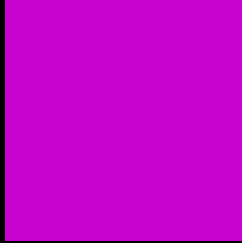
Large Text (above 18pt) WCAG AA ✓ Pass

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 48, 98.729, 326.883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

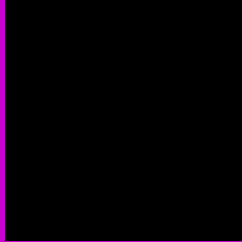
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 98.729, 326.883

Background



This preview shows how black text looks on a background with the CIELCh color 48, 98.729, 326.883.



This preview shows how white text looks on a background with the CIELCh color 48, 98.729, 326.883.

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, 98.729, 326.883

Protanopia

49, 72.787, 287.194

Deuteranopia

49, 46.239, 278.708



Tritanopia
48, 46.444, 22.411

Trichromacy



Original Color
48, 98.729, 326.883



Protanomaly
40, 90.819, 301.548



Deuteranomaly
42, 74.118, 306.472



Tritanomaly
46, 62.490, 348.534

Monochromacy



Original Color
48, 98.729, 326.883



Achromatopsia
36, 0.005, 296.813



Achromatomaly
35, 50.789, 326.059

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 98.729, 326.883 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(200, 2, 207)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 2, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 2, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 98.729, 326.883 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(200, 2, 207) }
```

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

```
.border{ border-color:rgb(200, 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(200, 2, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 2, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 2, 207);  
box-shadow:4px 4px 4px 4px rgb(200, 2,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 98.729, 326.883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 2, 207) }
```

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

```
.background{ background-color: rgb(200, 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](#).

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