

Converting Colors

CIELCh(48, 95.973, 329.073)

Have a look what the booklet for
CIELCh(48, 95.973, 329.073)
contains.

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Color

CIELCh(48, 95.823, 329.035)

Conversions

Conversions Part 1

Format	Color
Hex	CB00C7
RGB	203, 0, 199
RGB Percent	80%, 0%, 78%
CMY	0.2043, 1.0000, 0.2200
CMYK	0.00, 1.00, 0.02, 0.20
HSL	301°, 100%, 40%
HSV	301°, 100%, 80%
XYZ	34.8965, 16.7945, 55.3801
YIQ	83.3830, 57.1090, 104.9250

Conversions

Conversions Part 2

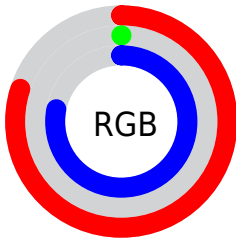
Format	Color
R_{YB}	203, 0, 199
Decimal	13304007
CIE _{Lab}	48.00, 82.17, -49.30
CIE _{LCh}	48, 95.823, 329.035
Yxy	16.7945, 0.3259, 0.1569
Android (android.graphics.Color)	4291494087 (0xFFCB00C7)
YUV	83.3830, 56.9992, 104.9041
Hunter-Lab	40.9810, 80.2807, -51.4353

Details

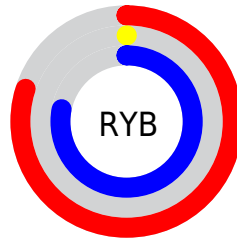
The CIELCh color **48, 95.823, 329.035** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **71, 100.483, 136.158**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **67, 94.851, 327.605**, and **34, 75.506, 328.233** is the 20% darker color. If you saturate the color by 10%, you get **48, 95.790, 329.034**, and if you desaturate by 10%, it is **49, 93.787, 328.892**.

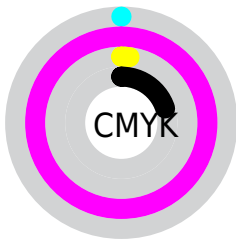
Distribution



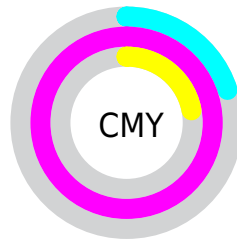
- Red (80%)
- Green (0%)
- Blue (78%)



- Red (80%)
- Yellow (0%)
- Blue (78%)



- Cyan (0%)
- Magenta (100%)
- Yellow (2%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 95.823, 329.035 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, 95.823, 329.035 by changing the saturation by 10% instead.


 48, 95.823,
329.035


 48, 95.823,
329.035


 100, 95.823,
329.035


 38, 95.823,
329.035

 68, 95.823,
329.035


 28, 95.823,
329.035

 78, 95.823,
329.035

 18, 95.823,
329.035

 88, 95.823,
329.035

 8, 95.823, 329.035

 98, 95.823,
329.035


 0, 95.823, 329.035


 48, 95.823,


 48, 95.823,


329.035


329.035


 48, 95.790,
329.034


 49, 93.787,
328.892

 50, 89.696,
328.686


 52, 83.142,
328.401

 55, 74.356,
328.039

 58, 63.779,
327.610

 62, 51.924,
327.127

 67, 39.271,
326.606

 71, 26.217,
326.060

■ 76, 13.060,
325.499

Harmonies

Complementary

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



48, 95.823, 329.035



71, 100.483, 136.158

Rectangle

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



48, 95.823, 329.035



48, 95.823, 19.035



48, 95.823, 149.035



48, 95.823, 199.035

Sweetspot

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



48, 95.790, 329.034



82, 47.266, 326.627



25, 112.568, 306.331



41, 32.159, 326.853



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, 95.790, 329.034



60, 113.766, 329.045



44, 71.163, 3.906



40, 7.438, 325.464



39, 82.442, 329.023



5, 28.590, 328.132

Inverse Universe

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



48, 95.790, 329.034



60, 113.766, 329.045



72, 73.909, 149.838



40, 7.438, 325.464



39, 82.442, 329.023



5, 28.590, 328.132

Previews

White Background



This preview shows how the CIELCh color 48, 95.823, 329.035 looks on a white background.

Color Contrast Check

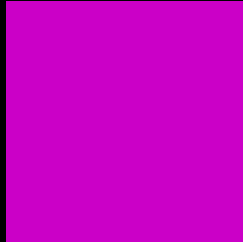
Large Text (above 18pt) WCAG AA ✓ Pass

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, 95.823, 329.035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

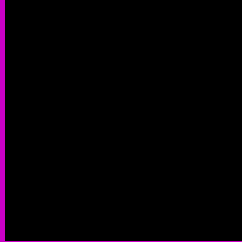
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 95.823, 329.035

Background



This preview shows how black text looks on a background with the CIELCh color 48, 95.823, 329.035.



This preview shows how white text looks on a background with the CIELCh color 48, 95.823, 329.035.

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, 95.823, 329.035

Protanopia

49, 73.327, 287.383

Deuteranopia

49, 42.497, 279.874



Tritanopia
48, 50.195, 24.075

Trichromacy



Original Color
48, 95.823, 329.035



Protanomaly
40, 90.326, 301.777



Deuteranomaly
42, 70.371, 309.099



Tritanomaly
46, 62.844, 352.411

Monochromacy



Original Color
48, 95.823, 329.035



Achromatopsia
35, 0.005, 296.813



Achromatomaly
35, 49.652, 328.105

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 95.823, 329.035 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(203, 0, 199)` looks like.

```
.text, #text, p{  
    color:rgb(203, 0, 199)  
}
```

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(203, 0, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 0, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 95.823, 329.035 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(203, 0, 199) }
```

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

```
.border{ border-color:rgb(203, 0, 199) }
```

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

Here you see how a box with a 4 pixel rgb(203, 0, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 0, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 0, 199);  
box-shadow:4px 4px 4px 4px rgb(203, 0,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 95.823, 329.035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 0, 199) }
```

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

```
.background{ background-color: rgb(203, 0,  
199) }
```

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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