

Converting Colors

CIELCh(49, 96.942, 329.107)

Have a look what the booklet for
CIELCh(49, 96.942, 329.107)
contains.

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Color

CIELCh(49, 97.081, 329.015)

Conversions

Conversions Part 1

Format	Color
Hex	CF02CB
RGB	207, 2, 203
RGB Percent	81%, 1%, 80%
CMY	0.1886, 0.9935, 0.2043
CMYK	0.00, 0.99, 0.02, 0.19
HSL	301°, 98%, 41%
HSV	301°, 99%, 81%
XYZ	36.4908, 17.5941, 57.9159
YIQ	86.2090, 57.6590, 105.9710

Conversions

Conversions Part 2

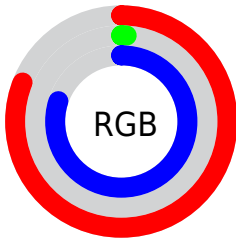
Format	Color
R_{YB}	207, 2, 203
Decimal	13566667
CIE _{Lab}	49.00, 83.23, -49.98
CIE _{LCh}	49, 97.081, 329.015
Yxy	17.5941, 0.3258, 0.1571
Android (android.graphics.Color)	4291756747 (0xFFCF02CB)
YUV	86.2090, 57.5780, 105.9337
Hunter-Lab	41.9453, 81.8841, -52.5029

Details

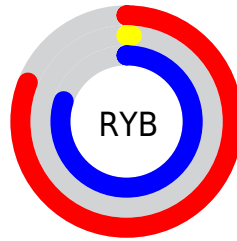
The CIELCh color **49, 97.081, 329.015** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **73, 101.796, 136.180**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **67, 93.995, 327.578**, and **35, 77.031, 328.233** is the 20% darker color. If you saturate the color by 10%, you get **49, 97.216, 329.026**, and if you desaturate by 10%, it is **50, 94.977, 328.871**.

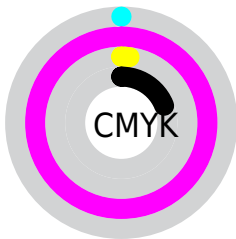
Distribution



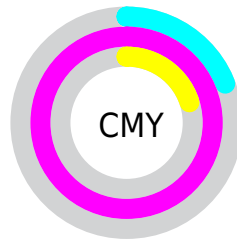
- Red (81%)
- Green (1%)
- Blue (80%)



- Red (81%)
- Yellow (1%)
- Blue (80%)



- Cyan (0%)
- Magenta (99%)
- Yellow (2%)
- Black (19%)





- Cyan (19%)
- Magenta (99%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 97.081, 329.015 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 49, 97.081, 329.015 by changing the saturation by 10% instead.


 49, 97.081,
329.015


 49, 97.081,
329.015


 100, 97.081,
329.015


 39, 97.081,
329.015

 69, 97.081,
329.015


 29, 97.081,
329.015

 79, 97.081,
329.015

 19, 97.081,
329.015

 89, 97.081,
329.015

 9, 97.081, 329.015

 99, 97.081,
329.015

 0, 97.081, 329.015

 49, 97.081,

 49, 97.081,

329.015

329.015

■ 49, 97.216,
329.026

■ 50, 94.977,
328.871

■ 51, 90.643,
328.660

■ 53, 83.810,
328.370

■ 56, 74.734,
328.003

■ 60, 63.873,
327.569

■ 64, 51.750,
327.082

■ 68, 38.849,
326.558

■ 73, 25.567,
326.010

■ 78, 12.199,
325.447

Harmonies

Complementary

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



49, 97.081, 329.015



73, 101.796, 136.180

Rectangle

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



49, 97.081, 329.015



49, 97.081, 19.015



49, 97.081, 149.015



49, 97.081, 199.015

Sweetspot

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



49, 97.079, 329.015



82, 47.274, 326.621



25, 113.839, 306.266



41, 32.164, 326.847



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



49, 97.079, 329.015



60, 113.787, 329.036



45, 72.091, 3.632



41, 7.593, 325.459



40, 83.390, 329.014



6, 30.659, 328.453

Inverse Universe

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



49, 97.079, 329.015



60, 113.787, 329.036



73, 74.690, 149.980



41, 7.593, 325.459



40, 83.390, 329.014



6, 30.659, 328.453

Previews

White Background



This preview shows how the CIELCh color 49, 97.081, 329.015 looks on a white background.

Color Contrast Check

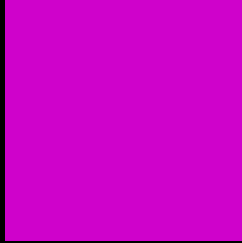
Large Text (above 18pt) WCAG AA ✓ Pass

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 49, 97.081, 329.015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

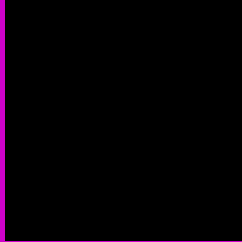
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 97.081, 329.015

Background



This preview shows how black text looks on a background with the CIELCh color 49, 97.081, 329.015.



This preview shows how white text looks on a background with the CIELCh color 49, 97.081, 329.015.

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

49, 97.081, 329.015

Protanopia

50, 74.265, 287.386

Deuteranopia

50, 43.483, 280.354



Tritanopia
49, 50.471, 24.013

Trichromacy



Original Color
49, 97.081, 329.015



Protanomaly
41, 91.221, 301.620



Deuteranomaly
43, 71.298, 309.139



Tritanomaly
47, 63.598, 352.336

Monochromacy



Original Color
49, 97.081, 329.015



Achromatopsia
37, 0.005, 296.813



Achromatomaly
36, 50.634, 327.669

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 97.081, 329.015 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(207, 2, 203)` looks like.

```
.text, #text, p{  
    color:rgb(207, 2, 203)  
}
```

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(207, 2, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 2, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 97.081, 329.015 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(207, 2, 203) }
```

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

```
.border{ border-color:rgb(207, 2, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 2, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 2, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 2, 203);  
box-shadow:4px 4px 4px 4px rgb(207, 2,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 97.081, 329.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 2, 203) }
```

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

```
.background{ background-color: rgb(207, 2,  
203) }
```

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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