

Converting Colors

CIELCh(49, 90.918, 326.881)

Have a look what the booklet for
CIELCh(49, 90.918, 326.881)
contains.

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Color

CIELCh(49, 90.934, 326.969)

Conversions

Conversions Part 1

Format	Color
Hex	C527CA
RGB	197, 39, 202
RGB Percent	77%, 15%, 79%
CMY	0.2273, 0.8469, 0.2077
CMYK	0.02, 0.81, 0.00, 0.21
HSL	298°, 68%, 47%
HSV	298°, 81%, 79%
XYZ	34.4251, 17.5941, 57.4762
YIQ	104.8240, 41.8450, 84.1890

Conversions

Conversions Part 2

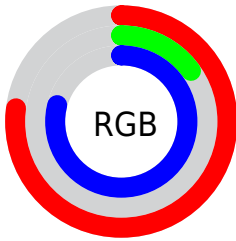
Format	Color
R _Y B	197, 39, 202
Decimal	12920778
CIE Lab	49.00, 76.24, -49.57
CIE LCh	49, 90.934, 326.969
Yxy	17.5941, 0.3144, 0.1607
Android (android.graphics.Color)	4291110858 (0xFFC527CA)
YUV	104.8240, 47.9078, 80.8384
Hunter-Lab	41.9453, 73.0934, -51.8814

Details

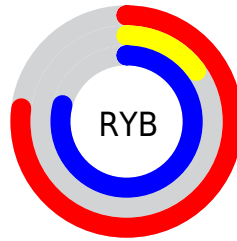
The CIELCh color **49, 90.934, 326.969** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted magenta. A complement of this color would be **72, 92.980, 136.770**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 89.029, 327.423**, and **33, 76.870, 326.138** is the 20% darker color. If you saturate the color by 10%, you get **48, 95.093, 327.038**, and if you desaturate by 10%, it is **51, 84.301, 326.790**.

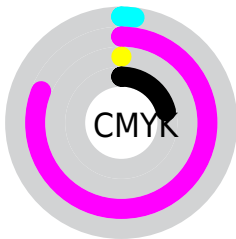
Distribution



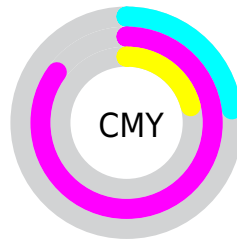
- Red (77%)
- Green (15%)
- Blue (79%)



- Red (77%)
- Yellow (15%)
- Blue (79%)



- Cyan (2%)
- Magenta (81%)
- Yellow (0%)
- Black (21%)





- Cyan (23%)
- Magenta (85%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 90.934, 326.969 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, 90.934, 326.969 by changing the saturation by 10% instead.


 49, 90.934,
326.969


 49, 90.934,
326.969


 100, 90.934,
326.969


 39, 90.934,
326.969

 69, 90.934,
326.969


 29, 90.934,
326.969

 79, 90.934,
326.969

 19, 90.934,
326.969

 89, 90.934,
326.969

 9, 90.934, 326.969

 99, 90.934,
326.969

 0, 90.934, 326.969

 49, 90.934,

 49, 90.934,

326.969

326.969

■ 48, 95.093,
327.038

■ 51, 84.301,
326.790

■ 47, 97.113,
327.018

■ 54, 75.439,
326.507

■ 58, 64.796,
326.137

■ 62, 52.890,
325.699

■ 66, 40.200,
325.214

■ 71, 27.121,
324.699

■ 76, 13.945,
324.166

■ 81, 0.876, 323.371

■ 86, 11.952,
143.167

Harmonies

Complementary

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



49, 90.934, 326.969



72, 92.980, 136.770

Rectangle

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



49, 90.934, 326.969



49, 90.934, 16.969



49, 90.934, 146.969



49, 90.934, 196.969

Sweetspot

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



49, 90.932, 326.969



85, 38.053, 324.890



31, 95.727, 303.140



43, 26.130, 325.076



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, 90.932, 326.969



59, 115.216, 327.018



46, 67.874, 352.852



40, 7.467, 324.097



38, 83.830, 327.035



5, 28.740, 326.335

Inverse Universe

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



45, 73.158, 32.291



53, 101.902, 38.551



72, 67.612, 151.541



40, 4.369, 17.443



34, 74.302, 38.573



4, 17.923, 17.893

Previews

White Background



This preview shows how the CIELCh color 49, 90.934, 326.969 looks on a white background.

Color Contrast Check

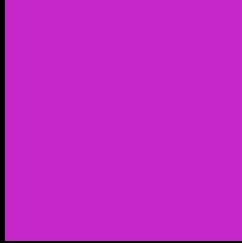
Large Text (above 18pt) WCAG AA ✓ Pass

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 49, 90.934, 326.969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

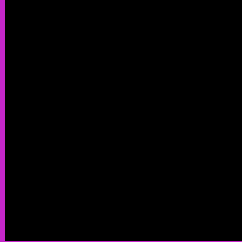
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 90.934, 326.969

Background



This preview shows how black text looks on a background with the CIELCh color 49, 90.934, 326.969.



This preview shows how white text looks on a background with the CIELCh color 49, 90.934, 326.969.

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, 90.934, 326.969

Protanopia

50, 73.797, 287.385

Deuteranopia

50, 43.615, 279.555



Tritanopia
49, 43.617, 21.500

Trichromacy



Original Color
49, 90.934, 326.969



Protanomaly
44, 82.775, 298.416



Deuteranomaly
45, 63.195, 304.985



Tritanomaly
48, 55.388, 349.985

Monochromacy



Original Color
49, 90.934, 326.969



Achromatopsia
44, 0.006, 296.813



Achromatomaly
43, 40.595, 325.617

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 90.934, 326.969 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, 39, 202)` looks like.

```
.text, #text, p{  
    color:rgb(197, 39, 202)  
}
```

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, 39, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 39, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 90.934, 326.969 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, 39, 202) }
```

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

```
.border{ border-color:rgb(197, 39, 202) }
```

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

Here you see how a box with a 4 pixel rgb(197, 39, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 39, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 39, 202);  
box-shadow:4px 4px 4px 4px rgb(197, 39,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 90.934, 326.969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 39, 202) }
```

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

```
.background{ background-color: rgb(197, 39,  
202) }
```

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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