

Converting Colors

CIELCh(49, 92.848, 332.727)

Have a look what the booklet for
CIELCh(49, 92.848, 332.727)
contains.

CIELCh(49, 92.594, 332.681)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(49, 92.594, 332.681)

Conversions

Conversions Part 1

Format	Color
Hex	D300BE
RGB	211, 0, 190
RGB Percent	83%, 0%, 75%
CMY	0.1721, 0.9984, 0.2545
CMYK	0.00, 1.00, 0.10, 0.17
HSL	306°, 100%, 41%
HSV	306°, 100%, 83%
XYZ	36.2020, 17.5941, 50.2573
YIQ	84.7490, 64.7660, 103.8220

Conversions

Conversions Part 2

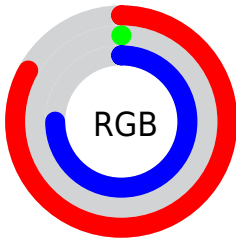
Format	Color
R_{YB}	211, 0, 190
Decimal	13828286
CIE _{Lab}	49.00, 82.27, -42.50
CIE _{LCh}	49, 92.594, 332.681
Yxy	17.5941, 0.3479, 0.1691
Android (android.graphics.Color)	4292018366 (0xFFD300BE)
YUV	84.7490, 51.8887, 110.7221
Hunter-Lab	41.9453, 80.6552, -41.6774

Details

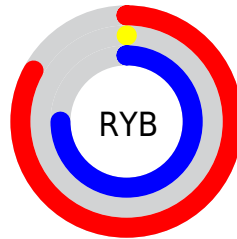
The CIELCh color **49, 92.594, 332.681** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed rose. A complement of this color would be **74, 101.819, 136.826**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **66, 91.361, 329.176**, and **35, 72.398, 332.553** is the 20% darker color. If you saturate the color by 10%, you get **49, 92.614, 332.690**, and if you desaturate by 10%, it is **50, 91.102, 332.202**.

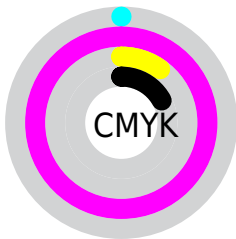
Distribution



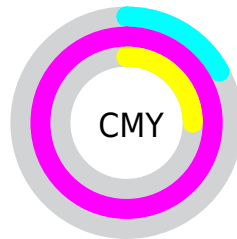
- Red (83%)
- Green (0%)
- Blue (75%)



- Red (83%)
- Yellow (0%)
- Blue (75%)



- Cyan (0%)
- Magenta (100%)
- Yellow (10%)
- Black (17%)





- Cyan (17%)
- Magenta (100%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 49, 92.594, 332.681 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, 92.594, 332.681 by changing the saturation by 10% instead.


 49, 92.594,
332.681


 49, 92.594,
332.681


 100, 92.594,
332.681


 39, 92.594,
332.681

 69, 92.594,
332.681


 29, 92.594,
332.681

 79, 92.594,
332.681

 19, 92.594,
332.681

 89, 92.594,
332.681

 9, 92.594, 332.681

 99, 92.594,
332.681

 0, 92.594, 332.681

 49, 92.594,

 49, 92.594,

332.681

■ 49, 92.614,
332.690

332.681

■ 50, 91.102,
332.202

■ 51, 87.386,
331.721

■ 53, 81.116,
331.224

■ 57, 72.563,
330.702

■ 60, 62.203,
330.152

■ 64, 50.574,
329.581

■ 69, 38.169,
328.995

■ 74, 25.386,
328.402

■ 79, 12.516,
327.805

Harmonies

Complementary

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



49, 92.594, 332.681



74, 101.819, 136.826

Rectangle

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



49, 92.594, 332.681



49, 92.594, 22.681



49, 92.594, 152.681



49, 92.594, 202.681

Sweetspot

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



49, 92.591, 332.681



82, 44.773, 329.026



26, 115.515, 306.503



41, 30.468, 329.276



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, 92.591, 332.681



59, 106.708, 332.744



45, 73.369, 10.461



41, 7.185, 327.781



39, 78.332, 332.613



5, 28.825, 331.329

Inverse Universe

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



49, 92.591, 332.681



59, 106.708, 332.744



75, 70.743, 153.566



41, 7.185, 327.781



39, 78.332, 332.613



5, 28.825, 331.329

Previews

White Background



This preview shows how the CIELCh color 49, 92.594, 332.681 looks on a white background.

Color Contrast Check

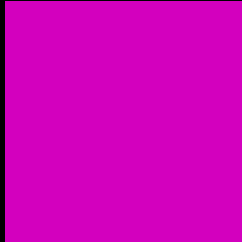
Large Text (above 18pt) WCAG AA ✓ Pass

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, 92.594, 332.681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

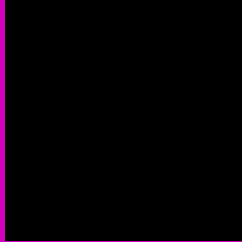
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 49, 92.594, 332.681

Background



This preview shows how black text looks on a background with the CIELCh color 49, 92.594, 332.681.



This preview shows how white text looks on a background with the CIELCh color 49, 92.594, 332.681.

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, 92.594, 332.681

Protanopia

50, 74.804, 287.570

Deuteranopia

50, 35.640, 281.104

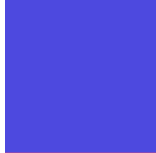


Tritanopia
50, 56.039, 26.003

Trichromacy



Original Color
49, 92.594, 332.681



Protanomaly
41, 89.039, 301.699



Deuteranomaly
43, 65.201, 313.534



Tritanomaly
48, 64.992, 357.919

Monochromacy



Original Color
49, 92.594, 332.681



Achromatopsia
36, 0.005, 296.813



Achromatomaly
36, 48.704, 330.676

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 92.594, 332.681 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(211, 0, 190)` looks like.

```
.text, #text, p{  
    color:rgb(211, 0, 190)  
}
```

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(211, 0, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 0, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 92.594, 332.681 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(211, 0, 190) }
```

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

```
.border{ border-color:rgb(211, 0, 190) }
```

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

Here you see how a box with a 4 pixel rgb(211, 0, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 0, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 0, 190);  
box-shadow:4px 4px 4px 4px rgb(211, 0,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 92.594, 332.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 0, 190) }
```

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

```
.background{ background-color: rgb(211, 0,  
190) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor