

Converting Colors

CIELCh(49, 85.320, 340.376)

Have a look what the booklet for
CIELCh(49, 85.320, 340.376)
contains.

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Color

CIELCh(49, 85.359, 340.242)

Conversions

Conversions Part 1

Format	Color
Hex	D902A7
RGB	217, 2, 167
RGB Percent	85%, 1%, 65%
CMY	0.1489, 0.9915, 0.3450
CMYK	0.00, 0.99, 0.23, 0.15
HSL	314°, 98%, 43%
HSV	314°, 99%, 85%
XYZ	35.6260, 17.5941, 38.0916
YIQ	85.0950, 75.1750, 96.8950

Conversions

Conversions Part 2

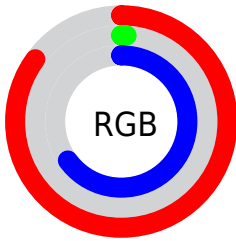
Format	Color
R_{YB}	217, 2, 167
Decimal	14221991
CIE _{Lab}	49.00, 80.33, -28.86
CIE _{LCh}	49, 85.359, 340.242
Yxy	17.5941, 0.3902, 0.1927
Android (android.graphics.Color)	4292412071 (0xFFD902A7)
YUV	85.0950, 40.3792, 115.6807
Hunter-Lab	41.9453, 78.2037, -24.4811

Details

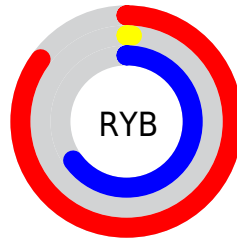
The CIELCh color **49, 85.359, 340.242** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **76, 97.978, 139.262**, and the grayscale version is **36, 0.005, 296.813**.

A 20% lighter version of the original color is **65, 81.932, 335.116**, and **35, 65.785, 342.328** is the 20% darker color. If you saturate the color by 10%, you get **49, 85.403, 340.377**, and if you desaturate by 10%, it is **50, 84.434, 338.938**.

Distribution



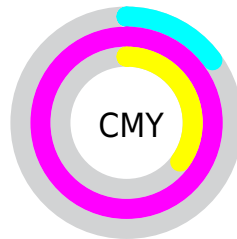
- Red (85%)
- Green (1%)
- Blue (65%)



- Red (85%)
- Yellow (1%)
- Blue (65%)



- Cyan (0%)
- Magenta (99%)
- Yellow (23%)
- Black (15%)



- Cyan (15%)
- Magenta (99%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 49, 85.359, 340.242 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, 85.359, 340.242 by changing the saturation by 10% instead.

 49, 85.359,
340.242

 49, 85.359,
340.242

 100, 85.359,
340.242


 39, 85.359,
340.242

 69, 85.359,
340.242


 29, 85.359,
340.242

 79, 85.359,
340.242

 19, 85.359,
340.242

 89, 85.359,
340.242

 9, 85.359, 340.242

 99, 85.359,
340.242

 0, 85.359, 340.242

 49, 85.359,

 49, 85.359,

340.242

340.242

■ 49, 85.403,
340.377

■ 50, 84.434,
338.938

■ 52, 81.136,
337.813

■ 54, 75.266,
336.831

■ 58, 67.157,
335.947

■ 62, 57.330,
335.130

■ 66, 46.339,
334.361

■ 71, 34.670,
333.629

■ 76, 22.699,
332.926

■ 82, 10.695,
332.243

Harmonies

Complementary

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



49, 85.359, 340.242



76, 97.978, 139.262

Rectangle

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



49, 85.359, 340.242



49, 85.359, 30.242



49, 85.359, 160.242



49, 85.359, 210.242

Sweetspot

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



49, 85.356, 340.242



82, 40.859, 333.720



29, 116.061, 307.313



41, 27.819, 334.029



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, 85.356, 340.242



57, 96.309, 340.518



46, 78.161, 22.739



43, 6.803, 332.273



39, 72.420, 340.147



6, 29.339, 337.649

Inverse Universe

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



49, 85.356, 340.242



57, 96.309, 340.518



77, 61.192, 163.166



43, 6.803, 332.273



39, 72.420, 340.147



6, 29.339, 337.649

Previews

White Background



This preview shows how the CIELCh color 49, 85.359, 340.242 looks on a white background.

Color Contrast Check

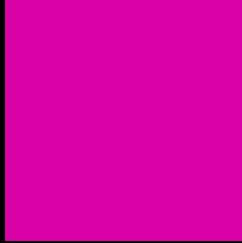
Large Text (above 18pt) WCAG AA ✓ Pass

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, 85.359, 340.242 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, 85.359, 340.242

Background



This preview shows how black text looks on a background with the CIELCh color 49, 85.359, 340.242.



This preview shows how white text looks on a background with the CIELCh color 49, 85.359, 340.242.

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, 85.359, 340.242

Protanopia

50, 71.860, 287.809

Deuteranopia

50, 23.497, 287.304



Tritanopia
49, 63.917, 28.561

Trichromacy



Original Color
49, 85.359, 340.242



Protanomaly
42, 82.485, 304.741



Deuteranomaly
44, 55.019, 322.812



Tritanomaly
48, 67.329, 5.946

Monochromacy



Original Color
49, 85.359, 340.242



Achromatopsia
36, 0.005, 296.813



Achromatomaly
36, 45.206, 335.651

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 49, 85.359, 340.242 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(217, 2, 167)` looks like.

```
.text, #text, p{  
    color:rgb(217, 2, 167)  
}
```

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(217, 2, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 2, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 49, 85.359, 340.242 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(217, 2, 167) }
```

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

```
.border{ border-color:rgb(217, 2, 167) }
```

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

Here you see how a box with a 4 pixel rgb(217, 2, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 2, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 2, 167);  
box-shadow:4px 4px 4px 4px rgb(217, 2,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 49, 85.359, 340.242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 2, 167) }
```

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

```
.background{ background-color: rgb(217, 2,  
167) }
```

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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