

Converting Colors

CIELCh(45, 108.439, 334.171)

Have a look what the booklet for
CIELCh(45, 108.439, 334.171)
contains.

CIELCh(50, 91.715, 334.705)	3
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Color

CIELCh(50, 91.715, 334.705)

Conversions

Conversions Part 1

Format	Color
Hex	D901BB
RGB	217, 1, 187
RGB Percent	85%, 0%, 73%
CMY	0.1479, 0.9956, 0.2656
CMYK	0.00, 0.99, 0.14, 0.15
HSL	308°, 99%, 43%
HSV	308°, 99%, 85%
XYZ	37.7103, 18.4187, 48.7284
YIQ	86.7880, 69.0300, 103.6380

Conversions

Conversions Part 2

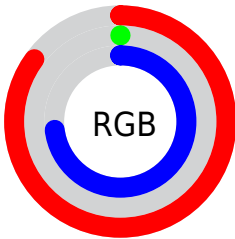
Format	Color
RYB	217, 1, 187
Decimal	14221755
CIELab	50.00, 82.92, -39.19
CIElCh	50, 91.715, 334.705
Yxy	18.4187, 0.3596, 0.1757
Android (android.graphics.Color)	4292411835 (0xFFD901BB)
YUV	86.7880, 49.4045, 114.1959
Hunter-Lab	42.9170, 81.7400, -37.2767

Details

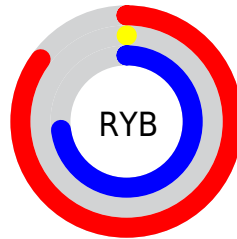
The CIELCh color **50, 91.715, 334.705** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed rose. A complement of this color would be **76, 102.690, 137.354**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **67, 89.360, 329.798**, and **36, 71.481, 335.317** is the 20% darker color. If you saturate the color by 10%, you get **50, 91.758, 334.741**, and if you desaturate by 10%, it is **51, 90.429, 334.017**.

Distribution



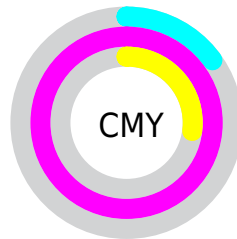
- Red (85%)
- Green (0%)
- Blue (73%)



- Red (85%)
- Yellow (0%)
- Blue (73%)



- Cyan (0%)
- Magenta (99%)
- Yellow (14%)
- Black (15%)





- Cyan (15%)
- Magenta (100%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 91.715, 334.705 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 50, 91.715, 334.705 by changing the saturation by 10% instead.


 50, 91.715,
334.705


 50, 91.715,
334.705


 100, 91.715,
334.705


 40, 91.715,
334.705


 70, 91.715,
334.705


 30, 91.715,
334.705


 80, 91.715,
334.705


 20, 91.715,
334.705

 90, 91.715,
334.705

 10, 91.715,
334.705

 0, 91.715, 334.705

 50, 91.715,
334.705

 50, 91.715,
334.705

■ 50, 91.758,
334.741

■ 51, 90.429,
334.017

■ 52, 86.806,
333.371

■ 55, 80.570,
332.748

■ 58, 72.016,
332.131

■ 62, 61.647,
331.511

■ 66, 50.017,
330.887

■ 71, 37.626,
330.262

■ 76, 24.873,
329.640

■ 82, 12.050,

329.020

Harmonies

Complementary

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



50, 91.715, 334.705



76, 102.690, 137.354

Rectangle

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



50, 91.715, 334.705



50, 91.715, 24.705



50, 91.715, 154.705



50, 91.715, 204.705

Sweetspot

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



50, 91.712, 334.705



82, 43.587, 330.312



28, 117.472, 306.711



41, 29.665, 330.577



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



50, 91.712, 334.705



58, 103.441, 334.810



46, 75.730, 15.265



43, 7.271, 329.018



40, 77.671, 334.628



7, 31.345, 333.319

Inverse Universe

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



50, 91.712, 334.705



58, 103.441, 334.810



77, 68.092, 156.804



43, 7.271, 329.018



40, 77.671, 334.628



7, 31.345, 333.319

Previews

White Background



This preview shows how the CIELCh color 50, 91.715, 334.705 looks on a white background.

Color Contrast Check

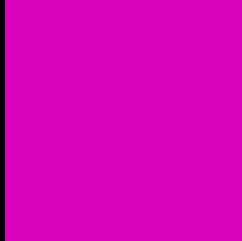
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 50, 91.715, 334.705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

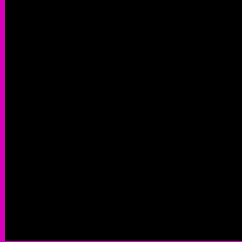
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 91.715, 334.705

Background



This preview shows how black text looks on a background with the CIELCh color 50, 91.715, 334.705.



This preview shows how white text looks on a background with the CIELCh color 50, 91.715, 334.705.

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

50, 91.628, 334.708

Protanopia

51, 76.274, 287.747

Deuteranopia

51, 33.032, 282.373



Tritanopia
50, 59.008, 26.618

Trichromacy



Original Color
50, 91.628, 334.708



Protanomaly
41, 89.444, 301.780



Deuteranomaly
45, 63.214, 315.598



Tritanomaly
49, 66.433, 359.959

Monochromacy



Original Color
50, 91.628, 334.708



Achromatopsia
37, 0.005, 296.813



Achromatomaly
37, 47.989, 332.000

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 91.715, 334.705 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, 1, 187)` looks like.

```
.text, #text, p{  
    color:rgb(217, 1, 187)  
}
```

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, 1, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 1, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 91.715, 334.705 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, 1, 187) }
```

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

```
.border{ border-color:rgb(217, 1, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 1, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 1, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 1, 187);  
box-shadow:4px 4px 4px 4px rgb(217, 1,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 91.715, 334.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 1, 187) }
```

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

```
.background{ background-color: rgb(217, 1,  
187) }
```

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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