

Converting Colors

CIELCh(47, 81.889, 341.218)

Have a look what the booklet for
CIELCh(47, 81.889, 341.218)
contains.

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Color

CIELCh(47, 81.826, 341.449)

Conversions

Conversions Part 1

Format	Color
Hex	D1039D
RGB	209, 3, 157
RGB Percent	82%, 1%, 62%
CMY	0.1809, 0.9900, 0.3848
CMYK	0.00, 0.99, 0.25, 0.18
HSL	315°, 98%, 41%
HSV	315°, 99%, 82%
XYZ	32.3575, 16.0195, 33.2295
YIQ	82.1500, 73.3420, 91.5660

Conversions

Conversions Part 2

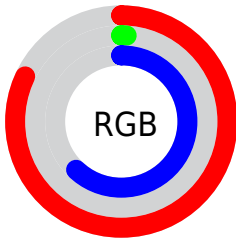
Format	Color
R_{YB}	209, 3, 157
Decimal	13697949
CIE Lab	47.00, 77.57, -26.03
CIE LCh	47, 81.826, 341.449
Yxy	16.0195, 0.3965, 0.1963
Android (android.graphics.Color)	4291888029 (0xFFD1039D)
YUV	82.1500, 36.9011, 111.2475
Hunter-Lab	40.0243, 74.2653, -21.2074

Details

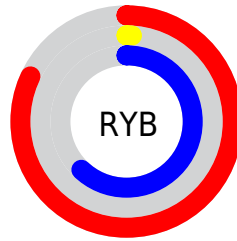
The CIELCh color **47, 81.826, 341.449** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **73, 93.911, 139.825**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **65, 79.540, 337.887**, and **33, 62.216, 344.181** is the 20% darker color. If you saturate the color by 10%, you get **47, 81.884, 341.631**, and if you desaturate by 10%, it is **48, 80.890, 340.009**.

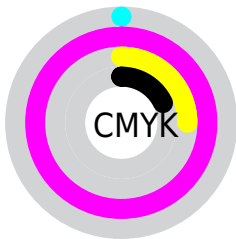
Distribution



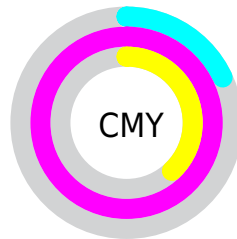
- Red (82%)
- Green (1%)
- Blue (62%)



- Red (82%)
- Yellow (1%)
- Blue (62%)



- Cyan (0%)
- Magenta (99%)
- Yellow (25%)
- Black (18%)



- Cyan (18%)
- Magenta (99%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 47, 81.826, 341.449 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 47, 81.826, 341.449 by changing the saturation by 10% instead.

 47, 81.826,
341.449


 47, 81.826,
341.449

 100, 81.826,
341.449


 37, 81.826,
341.449

 67, 81.826,
341.449


 27, 81.826,
341.449

 77, 81.826,
341.449

 17, 81.826,
341.449

 87, 81.826,
341.449

 7, 81.826, 341.449

 97, 81.826,
341.449

 0, 81.826, 341.449

 47, 81.826,

 47, 81.826,

341.449

341.449

■ 47, 81.884,
341.631

■ 48, 80.890,
340.009

■ 50, 77.657,
338.780

■ 52, 71.955,
337.720

■ 55, 64.119,
336.780

■ 59, 54.656,
335.921

■ 64, 44.100,
335.121

■ 69, 32.914,
334.366

■ 74, 21.455,
333.646

Harmonies

Complementary

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



47, 81.826, 341.449



73, 93.911, 139.825

Rectangle

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



47, 81.826, 341.449



47, 81.826, 31.449



47, 81.826, 161.449



47, 81.826, 211.449

Sweetspot

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



47, 81.823, 341.449



81, 40.321, 334.481



28, 112.081, 307.660



41, 27.456, 334.801



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



47, 81.823, 341.449



57, 94.991, 341.830



44, 77.178, 25.352



41, 6.452, 332.994



38, 69.913, 341.375



5, 25.610, 338.268

Inverse Universe

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



47, 81.823, 341.449



57, 94.991, 341.830



75, 56.875, 166.134



41, 6.452, 332.994



38, 69.913, 341.375



5, 25.610, 338.268

Previews

White Background



This preview shows how the CIELCh color 47, 81.826, 341.449 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 47, 81.826, 341.449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

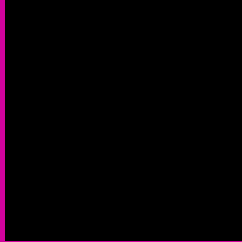
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 81.826, 341.449

Background



This preview shows how black text looks on a background with the CIELCh color 47, 81.826, 341.449.



This preview shows how white text looks on a background with the CIELCh color 47, 81.826, 341.449.

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

47, 81.826, 341.449

Protanopia

48, 66.548, 287.409

Deuteranopia

48, 21.293, 288.257



Tritanopia
47, 63.007, 28.772

Trichromacy



Original Color
47, 81.826, 341.449



Protanomaly
40, 76.662, 305.680



Deuteranomaly
42, 52.096, 324.005



Tritanomaly
46, 65.626, 7.240

Monochromacy



Original Color
47, 81.826, 341.449



Achromatopsia
35, 0.005, 296.813



Achromatomaly
34, 43.158, 336.626

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 81.826, 341.449 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(209, 3, 157)` looks like.

```
.text, #text, p{  
    color:rgb(209, 3, 157)  
}
```

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(209, 3, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 3, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 81.826, 341.449 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(209, 3, 157) }
```

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

```
.border{ border-color:rgb(209, 3, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 3, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 3, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 3, 157);  
box-shadow:4px 4px 4px 4px rgb(209, 3,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 81.826, 341.449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 3, 157) }
```

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

```
.background{ background-color: rgb(209, 3,  
157) }
```

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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