

Converting Colors

CIELCh(46, 82.587, 338.430)

Have a look what the booklet for
CIELCh(46, 82.587, 338.430)
contains.

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Color

CIELCh(46, 82.479, 338.436)

Conversions

Conversions Part 1

Format	Color
Hex	CA04A1
RGB	202, 4, 161
RGB Percent	79%, 2%, 63%
CMY	0.2067, 0.9841, 0.3676
CMYK	0.00, 0.98, 0.20, 0.21
HSL	312°, 96%, 40%
HSV	312°, 98%, 79%
XYZ	30.9389, 15.2687, 35.1590
YIQ	81.1000, 67.6110, 90.8030

Conversions

Conversions Part 2

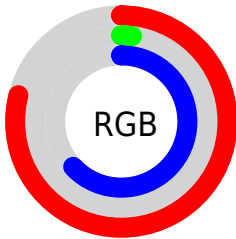
Format	Color
R_{YB}	202, 4, 161
Decimal	13239457
CIE _{Lab}	46.00, 76.71, -30.31
CIE _{LCh}	46, 82.479, 338.436
Yxy	15.2687, 0.3802, 0.1877
Android (android.graphics.Color)	4291429537 (0xFFCA04A1)
YUV	81.1000, 39.3907, 106.0293
Hunter-Lab	39.0751, 72.9511, -25.9952

Details

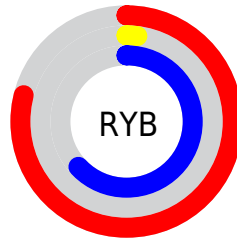
The CIELCh color **46, 82.479, 338.436** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **71, 93.625, 138.887**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **65, 81.254, 336.693**, and **32, 62.800, 340.232** is the 20% darker color. If you saturate the color by 10%, you get **46, 82.617, 338.663**, and if you desaturate by 10%, it is **47, 81.239, 337.344**.

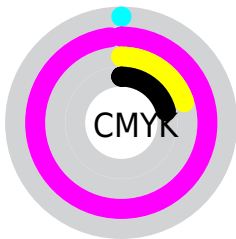
Distribution



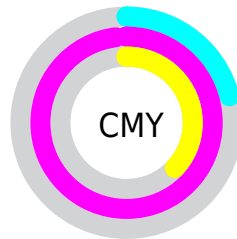
- Red (79%)
- Green (2%)
- Blue (63%)



- Red (79%)
- Yellow (2%)
- Blue (63%)



- Cyan (0%)
- Magenta (98%)
- Yellow (20%)
- Black (21%)





- Cyan (21%)
- Magenta (98%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 46, 82.479, 338.436 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 46, 82.479, 338.436 by changing the saturation by 10% instead.


 46, 82.479,
338.436


 46, 82.479,
338.436


 100, 82.479,
338.436


 36, 82.479,
338.436

 66, 82.479,
338.436


 26, 82.479,
338.436

 76, 82.479,
338.436

 16, 82.479,
338.436

 86, 82.479,
338.436

 6, 82.479, 338.436

 96, 82.479,
338.436

 0, 82.479, 338.436

 46, 82.479,

 46, 82.479,

338.436

338.436

■ 46, 82.617,
338.663

■ 47, 81.239,
337.344

■ 49, 77.679,
336.386

■ 51, 71.714,
335.527

■ 54, 63.684,
334.734

■ 58, 54.086,
333.984

■ 62, 43.435,
333.265

■ 67, 32.178,
332.570

■ 72, 20.660,
331.897

Harmonies

Complementary

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



46, 82.479, 338.436



71, 93.625, 138.887

Rectangle

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



46, 82.479, 338.436



46, 82.479, 28.436



46, 82.479, 158.436



46, 82.479, 208.436

Sweetspot

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



46, 82.476, 338.436



82, 40.217, 332.666



26, 109.727, 307.162



41, 27.544, 332.965



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



46, 82.476, 338.436



58, 98.155, 338.839



43, 73.011, 20.444



40, 6.528, 331.330



37, 71.401, 338.482



5, 24.516, 335.720

Inverse Universe

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



46, 82.476, 338.436



58, 98.155, 338.839



72, 58.896, 162.128



40, 6.528, 331.330



37, 71.401, 338.482



5, 24.516, 335.720

Previews

White Background



This preview shows how the CIELCh color 46, 82.479, 338.436 looks on a white background.

Color Contrast Check

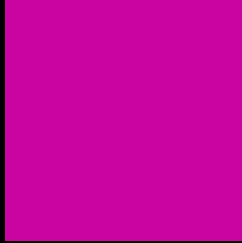
Large Text (above 18pt) WCAG AA ✓ Pass

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 46, 82.479, 338.436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

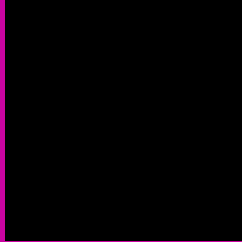
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 46, 82.479, 338.436

Background



This preview shows how black text looks on a background with the CIELCh color 46, 82.479, 338.436.



This preview shows how white text looks on a background with the CIELCh color 46, 82.479, 338.436.

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

46, 82.381, 338.444

Protanopia

47, 70.968, 287.375

Deuteranopia

47, 25.005, 285.731



Tritanopia
47, 59.164, 27.935

Trichromacy



Original Color
46, 82.381, 338.444



Protanomaly
38, 80.168, 301.315



Deuteranomaly
42, 54.072, 320.576

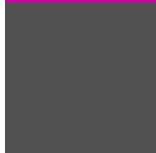


Tritanomaly
45, 63.410, 4.532

Monochromacy



Original Color
46, 82.381, 338.444



Achromatopsia
34, 0.005, 296.813



Achromatomaly
34, 43.004, 334.590

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 46, 82.479, 338.436 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(202, 4, 161)` looks like.

```
.text, #text, p{  
    color:rgb(202, 4, 161)  
}
```

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(202, 4, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 4, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 46, 82.479, 338.436 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(202, 4, 161) }
```

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

```
.border{ border-color:rgb(202, 4, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 4, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 4, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 4, 161);  
box-shadow:4px 4px 4px 4px rgb(202, 4,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 46, 82.479, 338.436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 4, 161) }
```

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

```
.background{ background-color: rgb(202, 4,  
161) }
```

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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