

Converting Colors

CIELCh(44, 81.032, 336.848)

Have a look what the booklet for
CIELCh(44, 81.032, 336.848)
contains.

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Color

CIELCh(44, 80.877, 336.846)

Conversions

Conversions Part 1

Format	Color
Hex	C0059E
RGB	192, 5, 158
RGB Percent	75%, 2%, 62%
CMY	0.2458, 0.9800, 0.3792
CMYK	0.00, 0.97, 0.18, 0.25
HSL	311°, 95%, 39%
HSV	311°, 97%, 75%
XYZ	28.0734, 13.8382, 33.6726
YIQ	78.3550, 62.3390, 87.2270

Conversions

Conversions Part 2

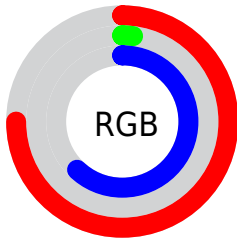
Format	Color
RYB	192, 5, 158
Decimal	12584350
CIELab	44.00, 74.36, -31.80
CIElCh	44, 80.877, 336.846
Yxy	13.8382, 0.3714, 0.1831
Android (android.graphics.Color)	4290774430 (0xFFC0059E)
YUV	78.3550, 39.2650, 99.6667
Hunter-Lab	37.1997, 69.6085, -27.6285

Details

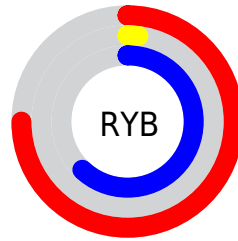
The CIELCh color **44, 80.877, 336.846** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **68, 90.916, 138.484**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 80.744, 336.791**, and **30, 61.203, 338.371** is the 20% darker color. If you saturate the color by 10%, you get **44, 81.111, 337.096**, and if you desaturate by 10%, it is **45, 79.396, 335.932**.

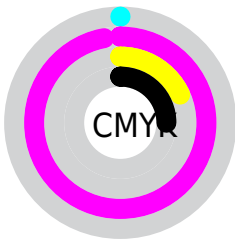
Distribution



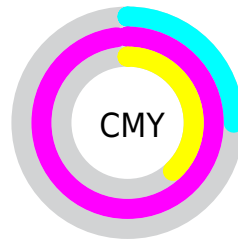
- Red (75%)
- Green (2%)
- Blue (62%)



- Red (75%)
- Yellow (2%)
- Blue (62%)



- Cyan (0%)
- Magenta (97%)
- Yellow (18%)
- Black (25%)



- Cyan (25%)
- Magenta (98%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 80.877, 336.846 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 44, 80.877, 336.846 by changing the saturation by 10% instead.


 44, 80.877,
336.846


 44, 80.877,
336.846


 100, 80.877,
336.846

 34, 80.877,
336.846

 64, 80.877,
336.846

 24, 80.877,
336.846

 74, 80.877,
336.846

 14, 80.877,
336.846

 84, 80.877,
336.846

 4, 80.877, 336.846

 94, 80.877,
336.846

 0, 80.877, 336.846

 44, 80.877,

 44, 80.877,

336.846

336.846

■ 44, 81.111,
337.096

■ 45, 79.396,
335.932

■ 47, 75.653,
335.110

■ 49, 69.618,
334.353

■ 52, 61.632,
333.635

■ 56, 52.170,
332.941

■ 60, 41.722,
332.263

■ 64, 30.709,
331.601

■ 69, 19.456,
330.953

Harmonies

Complementary

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



44, 80.877, 336.846



68, 90.916, 138.484

Rectangle

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



44, 80.877, 336.846



44, 80.877, 26.846



44, 80.877, 156.846



44, 80.877, 206.846

Sweetspot

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



44, 80.874, 336.846



81, 40.259, 331.740



25, 105.657, 306.870



41, 27.565, 332.024



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



44, 80.874, 336.846



57, 98.543, 337.267



41, 69.072, 16.858



38, 6.371, 330.441



36, 71.116, 336.955



4, 20.385, 333.626

Inverse Universe

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



44, 80.874, 336.846



57, 98.543, 337.267



69, 58.815, 159.802



38, 6.371, 330.441



36, 71.116, 336.955



4, 20.385, 333.626

Previews

White Background



This preview shows how the CIELCh color 44, 80.877, 336.846 looks on a white background.

Color Contrast Check

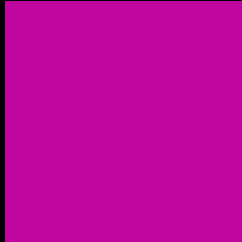
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 44, 80.877, 336.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

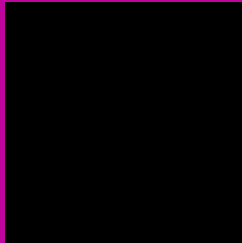
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 80.877, 336.846

Background



This preview shows how black text looks on a background with the CIELCh color 44, 80.877, 336.846.



This preview shows how white text looks on a background with the CIELCh color 44, 80.877, 336.846.

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

44, 80.773, 336.852

Deuteranopia

45, 25.904, 283.361

Tritanopia

44, 55.368, 26.900

Trichromacy



Original Color
44, 80.773, 336.852

Deuteranomaly
40, 53.137, 318.259

Tritanomaly
43, 60.495, 2.061

Monochromacy



Original Color
44, 80.773, 336.852

Achromatopsia
34, 0.005, 296.813

Achromatomaly
33, 41.928, 333.222

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 80.877, 336.846 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(192, 5, 158)` looks like.

```
.text, #text, p{  
    color:rgb(192, 5, 158)  
}
```

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(192, 5, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 5, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 80.877, 336.846 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(192, 5, 158) }
```

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

```
.border{ border-color:rgb(192, 5, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 5, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 5, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 5, 158);  
box-shadow:4px 4px 4px 4px rgb(192, 5,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 80.877, 336.846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 5, 158) }
```

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

```
.background{ background-color: rgb(192, 5,  
158) }
```

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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