

Converting Colors

CIELCh(44, 79.614, 339.484)

Have a look what the booklet for
CIELCh(44, 79.614, 339.484)
contains.

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Color

CIELCh(44, 79.614, 339.484)

Conversions

Conversions Part 1

Format	Color
Hex	C30098
RGB	195, 0, 152
RGB Percent	76%, 0%, 60%
CMY	0.2358, 1.0000, 0.4044
CMYK	0.00, 1.00, 0.22, 0.24
HSL	313°, 100%, 38%
HSV	313°, 100%, 76%
XYZ	28.1245, 13.8382, 30.8436
YIQ	75.6330, 67.4280, 88.6120

Conversions

Conversions Part 2

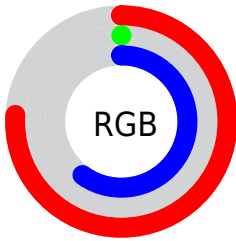
Format	Color
RYB	195, 0, 152
Decimal	12779672
CIELab	44.00, 74.56, -27.90
CIELCh	44, 79.614, 339.484
Yxy	13.8382, 0.3863, 0.1901
Android (android.graphics.Color)	4290969752 (0xFFC30098)
YUV	75.6330, 37.6489, 104.6849
Hunter-Lab	37.1997, 69.8538, -23.1196

Details

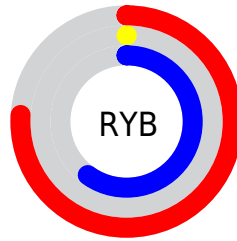
The CIELCh color **44, 79.614, 339.484** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **69, 91.166, 138.954**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 79.704, 339.221**, and **30, 59.783, 341.427** is the 20% darker color. If you saturate the color by 10%, you get **44, 79.569, 339.488**, and if you desaturate by 10%, it is **45, 78.613, 338.289**.

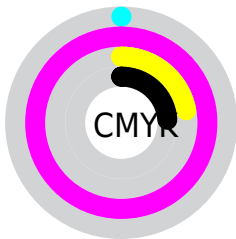
Distribution



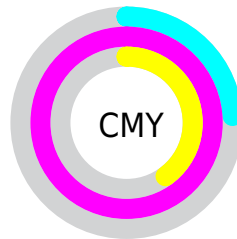
- Red (76%)
- Green (0%)
- Blue (60%)



- Red (76%)
- Yellow (0%)
- Blue (60%)



- Cyan (0%)
- Magenta (100%)
- Yellow (22%)
- Black (24%)



- Cyan (24%)
- Magenta (100%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 79.614, 339.484 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, 79.614, 339.484 by changing the saturation by 10% instead.

 44, 79.614,
339.484

 44, 79.614,
339.484

 100, 79.614,
339.484

 34, 79.614,
339.484

 64, 79.614,
339.484

 24, 79.614,
339.484

 74, 79.614,
339.484

 14, 79.614,
339.484

 84, 79.614,
339.484

 4, 79.614, 339.484

 94, 79.614,
339.484

 0, 79.614, 339.484

 44, 79.614,

 44, 79.614,

339.484

339.484

■ 44, 79.569,
339.488

■ 45, 78.613,
338.289

■ 46, 75.646,
337.235

■ 49, 70.327,
336.307

■ 52, 62.941,
335.463

■ 55, 53.953,
334.677

■ 59, 43.866,
333.932

■ 64, 33.125,
333.218

■ 69, 22.081,
332.530

■ 74, 10.986,
331.860

Harmonies

Complementary

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



44, 79.614, 339.484



69, 91.166, 138.954

Rectangle

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



44, 79.614, 339.484



44, 79.614, 29.484



44, 79.614, 159.484



44, 79.614, 209.484

Sweetspot

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



44, 79.569, 339.488



81, 40.868, 333.250



25, 107.464, 307.379



41, 28.051, 333.555



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



44, 79.569, 339.488



57, 96.438, 339.708



41, 72.319, 22.833



38, 6.197, 331.817



36, 69.116, 339.290



4, 19.640, 335.645

Inverse Universe

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



44, 79.569, 339.488



57, 96.438, 339.708



70, 56.567, 163.121



38, 6.197, 331.817



36, 69.116, 339.290



4, 19.640, 335.645

Previews

White Background



This preview shows how the CIELCh color 44, 79.614, 339.484 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, 79.614, 339.484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

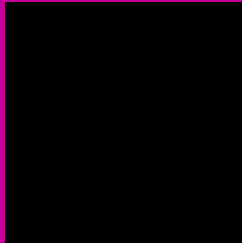
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 79.614, 339.484

Background



This preview shows how black text looks on a background with the CIELCh color 44, 79.614, 339.484.



This preview shows how white text looks on a background with the CIELCh color 44, 79.614, 339.484.

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, 79.614, 339.484

Protanopia

45, 67.265, 287.529

Deuteranopia

45, 22.166, 286.012



Tritanopia
45, 58.236, 28.133

Trichromacy



Original Color
44, 79.614, 339.484

Protanomaly
37, 76.867, 303.610

Deuteranomaly
40, 51.778, 322.107

Tritanomaly
43, 61.931, 5.159

Monochromacy



Original Color
44, 79.614, 339.484

Achromatopsia
32, 0.005, 296.813

Achromatomaly
32, 42.482, 334.843

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 79.614, 339.484 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(195, 0, 152)` looks like.

```
.text, #text, p{  
    color:rgb(195, 0, 152)  
}
```

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(195, 0, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 0, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 79.614, 339.484 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(195, 0, 152) }
```

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

```
.border{ border-color:rgb(195, 0, 152) }
```

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

Here you see how a box with a 4 pixel rgb(195, 0, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 0, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 0, 152);  
box-shadow:4px 4px 4px 4px rgb(195, 0,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 79.614, 339.484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 0, 152) }
```

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

```
.background{ background-color: rgb(195, 0,  
152) }
```

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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