

Converting Colors

CIELCh(44, 74.173, 349.007)

Have a look what the booklet for
CIELCh(44, 74.173, 349.007)
contains.

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Color

CIELCh(44, 73.995, 349.065)

Conversions

Conversions Part 1

Format	Color
Hex	C70381
RGB	199, 3, 129
RGB Percent	78%, 1%, 51%
CMY	0.2184, 0.9883, 0.4931
CMYK	0.00, 0.99, 0.35, 0.22
HSL	321°, 97%, 40%
HSV	321°, 99%, 78%
XYZ	27.6429, 13.8382, 22.0706
YIQ	75.9680, 76.3700, 80.7380

Conversions

Conversions Part 2

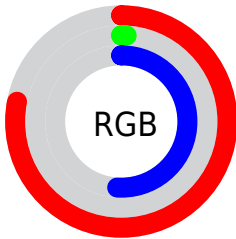
Format	Color
RYB	199, 3, 129
Decimal	13042561
CIELab	44.00, 72.65, -14.04
CIELCh	44, 73.995, 349.065
Yxy	13.8382, 0.4350, 0.2177
Android (android.graphics.Color)	4291232641 (0xFFC70381)
YUV	75.9680, 26.1448, 107.8991
Hunter-Lab	37.1997, 67.5426, -9.1370

Details

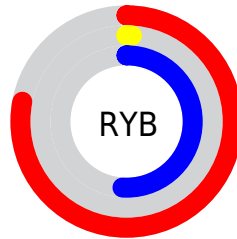
The CIELCh color **44, 73.995, 349.065** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **71, 83.879, 143.193**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 72.615, 347.847**, and **30, 55.299, 354.186** is the 20% darker color. If you saturate the color by 10%, you get **44, 74.073, 349.432**, and if you desaturate by 10%, it is **45, 73.087, 346.722**.

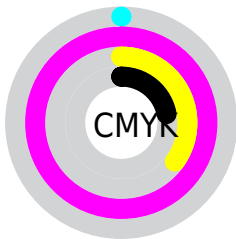
Distribution



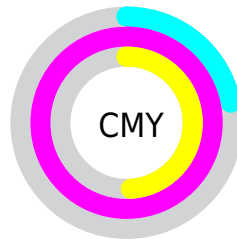
- Red (78%)
- Green (1%)
- Blue (51%)



- Red (78%)
- Yellow (1%)
- Blue (51%)



- Cyan (0%)
- Magenta (99%)
- Yellow (35%)
- Black (22%)



- Cyan (22%)
- Magenta (99%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 73.995, 349.065 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, 73.995, 349.065 by changing the saturation by 10% instead.


 44, 73.995,
349.065


 44, 73.995,
349.065


 100, 73.995,
349.065

 34, 73.995,
349.065

 64, 73.995,
349.065


 24, 73.995,
349.065

 74, 73.995,
349.065

 14, 73.995,
349.065

 84, 73.995,
349.065

 4, 73.995, 349.065

 94, 73.995,
349.065

 0, 73.995, 349.065

 44, 73.995,

 44, 73.995,

349.065

349.065

■ 44, 74.073,
349.432

■ 45, 73.087,
346.722

■ 47, 70.065,
344.801

■ 49, 64.779,
343.230

■ 53, 57.563,
341.913

■ 57, 48.908,
340.778

■ 61, 39.315,
339.775

■ 66, 29.207,
338.867

■ 71, 18.904,
338.033

Harmonies

Complementary

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



44, 73.995, 349.065



71, 83.879, 143.193

Rectangle

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



44, 73.995, 349.065



44, 73.995, 39.065



44, 73.995, 169.065



44, 73.995, 219.065

Sweetspot

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



44, 73.992, 349.066



81, 37.544, 339.036



28, 106.207, 309.011



41, 25.585, 339.421



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, 73.992, 349.066



56, 88.934, 349.858



42, 79.151, 32.571



39, 5.745, 337.314



36, 64.041, 349.016



4, 19.638, 344.094

Inverse Universe

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



44, 73.992, 349.066



56, 88.934, 349.858



72, 48.321, 176.363



39, 5.745, 337.314



36, 64.041, 349.016



4, 19.638, 344.094

Previews

White Background



This preview shows how the CIELCh color 44, 73.995, 349.065 looks on a white background.

Color Contrast Check

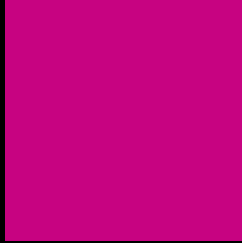
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 73.995, 349.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

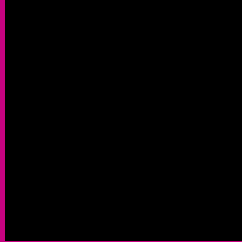
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 73.995, 349.065

Background



This preview shows how black text looks on a background with the CIELCh color 44, 73.995, 349.065.



This preview shows how white text looks on a background with the CIELCh color 44, 73.995, 349.065.

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, 73.896, 349.088

Protanopia

45, 48.442, 286.178

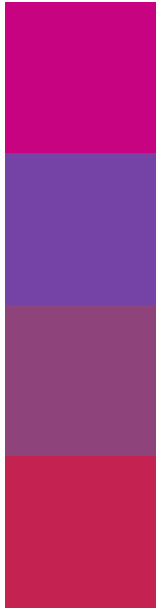
Deuteranopia

45, 10.578, 306.611



Tritanopia
44, 65.300, 30.695

Trichromacy



Original Color
44, 73.896, 349.088

Protanomaly
39, 60.708, 312.315

Deuteranomaly
40, 42.930, 336.190

Tritanomaly
43, 65.059, 13.478

Monochromacy



Original Color
44, 73.896, 349.088

Achromatopsia
32, 0.005, 296.813

Achromatomaly
32, 39.017, 341.970

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 73.995, 349.065 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(199, 3, 129)` looks like.

```
.text, #text, p{  
    color:rgb(199, 3, 129)  
}
```

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(199, 3, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 3, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 73.995, 349.065 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(199, 3, 129) }
```

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

```
.border{ border-color:rgb(199, 3, 129) }
```

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

Here you see how a box with a 4 pixel rgb(199, 3, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 3, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 3, 129);  
box-shadow:4px 4px 4px 4px rgb(199, 3,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 73.995, 349.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 3, 129) }
```

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

```
.background{ background-color: rgb(199, 3,  
129) }
```

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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