

Converting Colors

CIELCh(44, 76.571, 345.300)

Have a look what the booklet for
CIELCh(44, 76.571, 345.300)
contains.

CIELCh(44, 76.198, 345.485)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(44, 76.198, 345.485)

Conversions

Conversions Part 1

Format	Color
Hex	C60089
RGB	198, 0, 137
RGB Percent	78%, 0%, 54%
CMY	0.2220, 1.0000, 0.4609
CMYK	0.00, 1.00, 0.31, 0.22
HSL	318°, 100%, 39%
HSV	318°, 100%, 78%
XYZ	27.9228, 13.8382, 25.0477
YIQ	74.8200, 74.0310, 84.5830

Conversions

Conversions Part 2

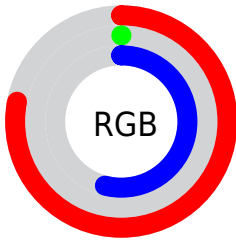
Format	Color
RYB	198, 0, 137
Decimal	12976265
CIELab	44.00, 73.77, -19.10
CIELCh	44, 76.198, 345.485
Yxy	13.8382, 0.4180, 0.2071
Android (android.graphics.Color)	4291166345 (0xFFC60089)
YUV	74.8200, 30.6547, 108.0289
Hunter-Lab	37.1997, 68.8858, -13.8819

Details

The CIELCh color **44, 76.198, 345.485** 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 **70, 87.560, 141.257**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 75.206, 344.464**, and **30, 56.578, 350.001** is the 20% darker color. If you saturate the color by 10%, you get **44, 76.004, 345.519**, and if you desaturate by 10%, it is **45, 75.265, 343.609**.

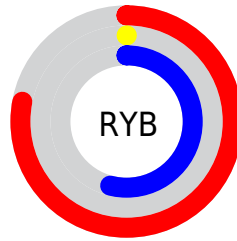
Distribution



Red (78%)

Green (0%)

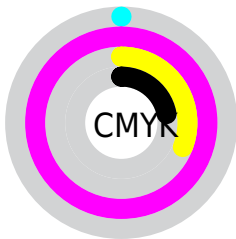
Blue (54%)



Red (78%)

Yellow (0%)

Blue (54%)

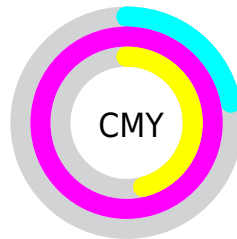


Cyan (0%)

Magenta (100%)

Yellow (31%)

Black (22%)



Cyan (22%)

Magenta (100%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 76.198, 345.485 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, 76.198, 345.485 by changing the saturation by 10% instead.

 44, 76.198,
345.485

 44, 76.198,
345.485


 100, 76.198,
345.485

 34, 76.198,
345.485

 64, 76.198,
345.485

 24, 76.198,
345.485

 74, 76.198,
345.485

 14, 76.198,
345.485

 84, 76.198,
345.485

 4, 76.198, 345.485

 94, 76.198,
345.485

 0, 76.198, 345.485

 44, 76.198,

 44, 76.198,

345.485

345.485

■ 44, 76.004,
345.519

■ 45, 75.265,
343.609

■ 47, 72.534,
341.999

■ 49, 67.470,
340.657

■ 52, 60.367,
339.509

■ 56, 51.706,
338.500

■ 60, 41.994,
337.588

■ 65, 31.674,
336.750

■ 70, 21.089,
335.968

■ 75, 10.481,
335.225

Harmonies

Complementary

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



44, 76.198, 345.485



70, 87.560, 141.257

Rectangle

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



44, 76.198, 345.485



44, 76.198, 35.485



44, 76.198, 165.485



44, 76.198, 215.485

Sweetspot

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



44, 76.004, 345.519



81, 38.828, 336.786



27, 107.559, 308.282



41, 26.449, 337.138



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, 76.004, 345.519



57, 91.553, 345.864



42, 77.126, 29.744



39, 5.953, 335.179



36, 65.929, 345.196



4, 20.443, 341.011

Inverse Universe

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



44, 76.004, 345.519



57, 91.553, 345.864



72, 51.530, 170.747



39, 5.953, 335.179



36, 65.929, 345.196



4, 20.443, 341.011

Previews

White Background



This preview shows how the CIELCh color 44, 76.198, 345.485 looks on a white background.

Color Contrast Check

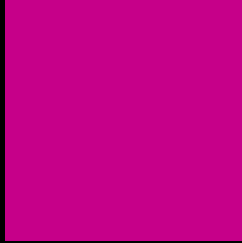
Large Text (above 18pt) WCAG AA ✓ Pass

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, 76.198, 345.485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

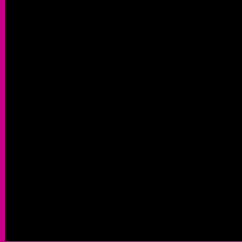
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 76.198, 345.485

Background



This preview shows how black text looks on a background with the CIELCh color 44, 76.198, 345.485.



This preview shows how white text looks on a background with the CIELCh color 44, 76.198, 345.485.

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, 75.843, 345.594

Protanopia

45, 55.542, 286.967

Deuteranopia

45, 14.384, 295.168



Tritanopia
45, 63.210, 29.605

Trichromacy



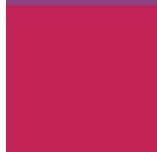
Original Color
44, 75.843, 345.594



Protanomaly
38, 66.631, 309.429



Deuteranomaly
40, 46.386, 330.994



Tritanomaly
43, 64.449, 10.629

Monochromacy



Original Color
44, 75.843, 345.594



Achromatopsia
32, 0.005, 296.813



Achromatomaly
32, 40.401, 339.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 76.198, 345.485 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(198, 0, 137)` looks like.

```
.text, #text, p{  
    color:rgb(198, 0, 137)  
}
```

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(198, 0, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 0, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 76.198, 345.485 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(198, 0, 137) }
```

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

```
.border{ border-color:rgb(198, 0, 137) }
```

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

Here you see how a box with a 4 pixel rgb(198, 0, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 0, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 0, 137);  
box-shadow:4px 4px 4px 4px rgb(198, 0,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 76.198, 345.485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 0, 137) }
```

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

```
.background{ background-color: rgb(198, 0,  
137) }
```

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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