

Converting Colors

CIELCh(43, 78.021, 339.991)

Have a look what the booklet for
CIELCh(43, 78.021, 339.991)
contains.

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Color

CIELCh(43, 77.853, 340.098)

Conversions

Conversions Part 1

Format	Color
Hex	BF0093
RGB	191, 0, 147
RGB Percent	75%, 0%, 58%
CMY	0.2514, 1.0000, 0.4239
CMYK	0.00, 1.00, 0.23, 0.25
HSL	314°, 100%, 37%
HSV	314°, 100%, 75%
XYZ	26.7126, 13.1578, 28.6947
YIQ	73.8670, 66.6490, 86.2090

Conversions

Conversions Part 2

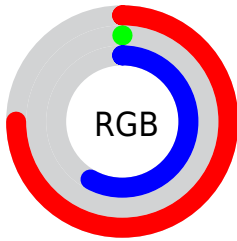
Format	Color
R_{YB}	191, 0, 147
Decimal	12517523
CIE _{Lab}	43.00, 73.20, -26.50
CIE _{LCh}	43, 77.853, 340.098
Yxy	13.1578, 0.3896, 0.1919
Android (android.graphics.Color)	4290707603 (0xFFBF0093)
YUV	73.8670, 36.0546, 102.7256
Hunter-Lab	36.2736, 67.9721, -21.5105

Details

The CIELCh color **43, 77.853, 340.098** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **68, 89.234, 139.210**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 77.721, 340.095**, and **29, 57.932, 342.400** is the 20% darker color. If you saturate the color by 10%, you get **43, 77.816, 340.102**, and if you desaturate by 10%, it is **44, 76.866, 338.837**.

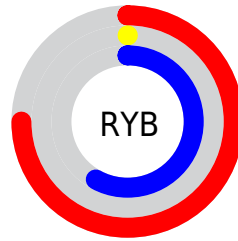
Distribution



Red (75%)

Green (0%)

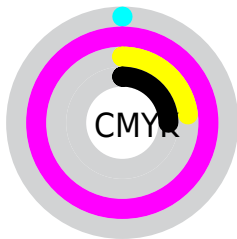
Blue (58%)



Red (75%)

Yellow (0%)

Blue (58%)

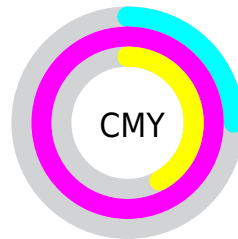


Cyan (0%)

Magenta (100%)

Yellow (23%)

Black (25%)



Cyan (25%)


Magenta (100%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 77.853, 340.098 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 43, 77.853, 340.098 by changing the saturation by 10% instead.


 43, 77.853,
340.098


 43, 77.853,
340.098


 100, 77.853,
340.098


 33, 77.853,
340.098

 63, 77.853,
340.098


 23, 77.853,
340.098

 73, 77.853,
340.098

 13, 77.853,
340.098

 83, 77.853,
340.098

 3, 77.853, 340.098

 93, 77.853,
340.098

 0, 77.853, 340.098

 43, 77.853,

 43, 77.853,

340.098

340.098

■ 43, 77.816,
340.102

■ 44, 76.866,
338.837

■ 45, 73.957,
337.730

■ 48, 68.744,
336.761

■ 51, 61.510,
335.888

■ 54, 52.716,
335.081

■ 58, 42.852,
334.320

■ 63, 32.354,
333.594

■ 67, 21.564,
332.897

■ 72, 10.727,
332.221

Harmonies

Complementary

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



43, 77.853, 340.098



68, 89.234, 139.210

Rectangle

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



43, 77.853, 340.098



43, 77.853, 30.098



43, 77.853, 160.098



43, 77.853, 210.098

Sweetspot

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



43, 77.816, 340.102



79, 39.926, 333.628



24, 105.808, 307.389



40, 27.406, 333.934



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



43, 77.816, 340.102



56, 94.294, 340.340



40, 71.177, 22.744



37, 6.020, 332.177



35, 67.842, 339.893



3, 17.119, 335.869

Inverse Universe

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



43, 77.816, 340.102



56, 94.294, 340.340



69, 55.675, 163.154



37, 6.020, 332.177



35, 67.842, 339.893



3, 17.119, 335.869

Previews

White Background



This preview shows how the CIELCh color 43, 77.853, 340.098 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 43, 77.853, 340.098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

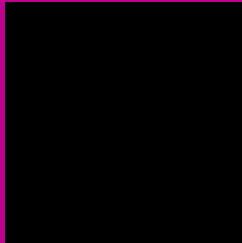
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 77.853, 340.098

Background



This preview shows how black text looks on a background with the CIELCh color 43, 77.853, 340.098.



This preview shows how white text looks on a background with the CIELCh color 43, 77.853, 340.098.

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

43, 77.853, 340.098

Protanopia

44, 65.181, 287.782

Deuteranopia

44, 21.626, 287.608



Tritanopia
44, 57.563, 28.200

Trichromacy



Original Color
43, 77.853, 340.098



Protanomaly
37, 74.156, 304.751



Deuteranomaly
39, 50.397, 323.115



Tritanomaly
42, 61.228, 5.901

Monochromacy



Original Color
43, 77.853, 340.098



Achromatopsia
31, 0.005, 296.813



Achromatomaly
31, 41.524, 335.588

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 77.853, 340.098 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(191, 0, 147)` looks like.

```
.text, #text, p{  
    color:rgb(191, 0, 147)  
}
```

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(191, 0, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 0, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 77.853, 340.098 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(191, 0, 147) }
```

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

```
.border{ border-color:rgb(191, 0, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 0, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 0, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 0, 147);  
box-shadow:4px 4px 4px 4px rgb(191, 0,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 77.853, 340.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 0, 147) }
```

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

```
.background{ background-color: rgb(191, 0,  
147) }
```

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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