

Converting Colors

CIELCh(43, 79.686, 334.995)

Have a look what the booklet for
CIELCh(43, 79.686, 334.995)
contains.

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Color

CIELCh(43, 79.770, 334.808)

Conversions

Conversions Part 1

Format	Color
Hex	B90E9F
RGB	185, 14, 159
RGB Percent	73%, 5%, 62%
CMY	0.2741, 0.9438, 0.3761
CMYK	0.00, 0.92, 0.14, 0.27
HSL	309°, 86%, 39%
HSV	309°, 92%, 73%
XYZ	26.4637, 13.1578, 33.9941
YIQ	81.6590, 55.3710, 81.3470

Conversions

Conversions Part 2

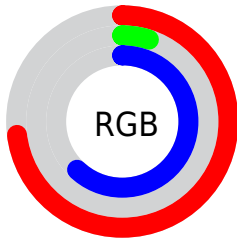
Format	Color
R _Y B	185, 14, 159
Decimal	12127903
CIE Lab	43.00, 72.18, -33.95
CIE LCh	43, 79.770, 334.808
Yxy	13.1578, 0.3595, 0.1787
Android (android.graphics.Color)	4290317983 (0xFFB90E9F)
YUV	81.6590, 38.1291, 90.6301
Hunter-Lab	36.2736, 66.7472, -30.1724

Details

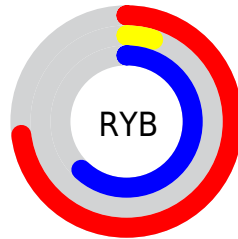
The CIELCh color **43, 79.770, 334.808** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **66, 87.302, 138.616**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 79.744, 334.900**, and **28, 61.185, 335.406** is the 20% darker color. If you saturate the color by 10%, you get **42, 80.654, 335.390**, and if you desaturate by 10%, it is **44, 77.085, 334.098**.

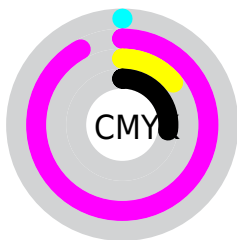
Distribution



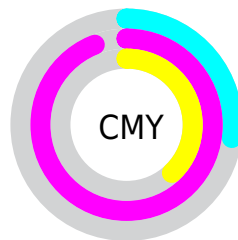
- Red (73%)
- Green (5%)
- Blue (62%)



- Red (73%)
- Yellow (5%)
- Blue (62%)



- Cyan (0%)
- Magenta (92%)
- Yellow (14%)
- Black (27%)



- Cyan (27%)
- Magenta (94%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 79.770, 334.808 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, 79.770, 334.808 by changing the saturation by 10% instead.


 43, 79.770,
334.808


 43, 79.770,
334.808


 100, 79.770,
334.808

 33, 79.770,
334.808

 63, 79.770,
334.808


 23, 79.770,
334.808

 73, 79.770,
334.808

 13, 79.770,
334.808

 83, 79.770,
334.808

 3, 79.770, 334.808

 93, 79.770,
334.808

 0, 79.770, 334.808

 43, 79.770,

 43, 79.770,

334.808

334.808

■ 42, 80.654,
335.390

■ 44, 77.085,
334.098

■ 46, 72.117,
333.430

■ 49, 65.069,
332.783

■ 52, 56.351,
332.143

■ 56, 46.439,
331.507

■ 60, 35.780,
330.874

■ 65, 24.736,
330.246

■ 69, 13.578,
329.625

Harmonies

Complementary

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



43, 79.770, 334.808



66, 87.302, 138.616

Rectangle

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



43, 79.770, 334.808



43, 79.770, 24.808



43, 79.770, 154.808



43, 79.770, 204.808

Sweetspot

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



43, 79.767, 334.808



78, 38.363, 330.634



25, 100.074, 306.539



39, 26.424, 330.904



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



43, 79.767, 334.808



55, 97.715, 335.528



40, 65.279, 12.567



36, 6.220, 329.442



35, 71.033, 335.280



3, 16.118, 331.472

Inverse Universe

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



43, 79.767, 334.808



55, 97.715, 335.528



67, 56.649, 159.776



36, 6.220, 329.442



35, 71.033, 335.280



3, 16.118, 331.472

Previews

White Background



This preview shows how the CIELCh color 43, 79.770, 334.808 looks on a white background.

Color Contrast Check

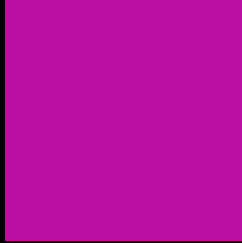
Large Text (above 18pt) WCAG AA ✓ Pass

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, 79.770, 334.808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

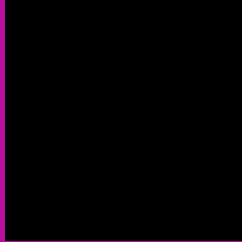
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 79.770, 334.808

Background



This preview shows how black text looks on a background with the CIELCh color 43, 79.770, 334.808.

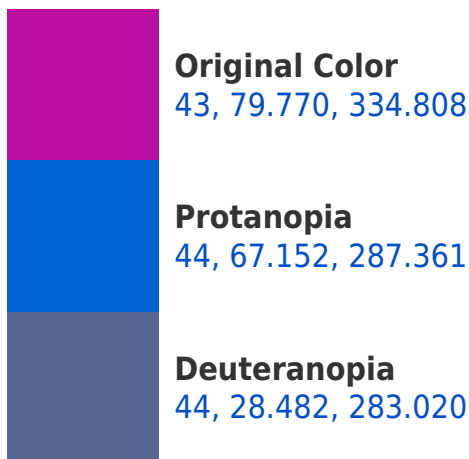


This preview shows how white text looks on a background with the CIELCh color 43, 79.770, 334.808.

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





Tritanopia
43, 51.621, 26.538

Trichromacy



Original Color
43, 79.770, 334.808



Protanomaly
36, 75.542, 300.406



Deuteranomaly
39, 52.596, 315.262

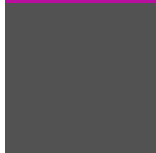


Tritanomaly
42, 56.950, 0.929

Monochromacy



Original Color
43, 79.770, 334.808



Achromatopsia
35, 0.005, 296.813



Achromatomaly
34, 39.531, 331.746

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 79.770, 334.808 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(185, 14, 159)` looks like.

```
.text, #text, p{  
    color:rgb(185, 14, 159)  
}
```

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(185, 14, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 14, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 79.770, 334.808 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(185, 14, 159) }
```

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

```
.border{ border-color:rgb(185, 14, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 14, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 14, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 14, 159);  
box-shadow:4px 4px 4px 4px rgb(185, 14,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 79.770, 334.808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 14, 159) }
```

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

```
.background{ background-color: rgb(185, 14,  
159) }
```

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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