

Converting Colors

CIELCh(43, 77.789, 339.371)

Have a look what the booklet for
CIELCh(43, 77.789, 339.371)
contains.

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Color

CIELCh(43, 77.649, 339.535)

Conversions

Conversions Part 1

Format	Color
Hex	BE0494
RGB	190, 4, 148
RGB Percent	75%, 2%, 58%
CMY	0.2551, 0.9850, 0.4198
CMYK	0.00, 0.98, 0.22, 0.26
HSL	314°, 96%, 38%
HSV	314°, 98%, 74%
XYZ	26.6014, 13.1578, 29.1310
YIQ	76.0300, 64.6320, 84.2160

Conversions

Conversions Part 2

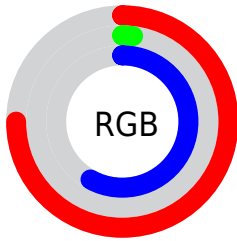
Format	Color
R_{YB}	190, 4, 148
Decimal	12453012
CIE _{Lab}	43.00, 72.75, -27.15
CIE _{LCh}	43, 77.649, 339.535
Yxy	13.1578, 0.3861, 0.1910
Android (android.graphics.Color)	4290643092 (0xFFBE0494)
YUV	76.0300, 35.4812, 99.9517
Hunter-Lab	36.2736, 67.4250, -22.2237

Details

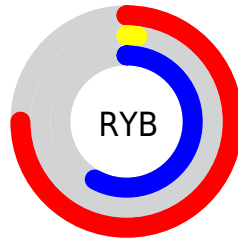
The CIELCh color **43, 77.649, 339.535** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **67, 88.228, 139.397**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 77.440, 339.588**, and **29, 58.226, 341.893** is the 20% darker color. If you saturate the color by 10%, you get **43, 77.800, 339.787**, and if you desaturate by 10%, it is **44, 76.428, 338.328**.

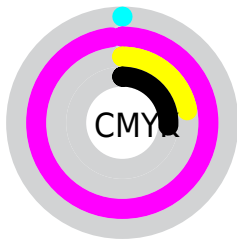
Distribution



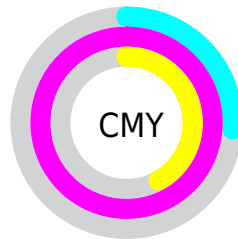
- Red (75%)
- Green (2%)
- Blue (58%)



- Red (75%)
- Yellow (2%)
- Blue (58%)



- Cyan (0%)
- Magenta (98%)
- Yellow (22%)
- Black (26%)





- Cyan (26%)
- Magenta (99%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 77.649, 339.535 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, 77.649, 339.535 by changing the saturation by 10% instead.


 43, 77.649,
339.535


 43, 77.649,
339.535


 100, 77.649,
339.535


 33, 77.649,
339.535

 63, 77.649,
339.535


 23, 77.649,
339.535

 73, 77.649,
339.535

 13, 77.649,
339.535

 83, 77.649,
339.535

 3, 77.649, 339.535

 93, 77.649,
339.535

 0, 77.649, 339.535

 43, 77.649,

 43, 77.649,

339.535

339.535

■ 43, 77.800,
339.787

■ 44, 76.428,
338.328

■ 46, 73.036,
337.280

■ 48, 67.382,
336.354

■ 51, 59.799,
335.511

■ 55, 50.758,
334.725

■ 59, 40.743,
333.980

■ 63, 30.172,
333.266

■ 68, 19.365,
332.579

Harmonies

Complementary

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



43, 77.649, 339.535



67, 88.228, 139.397

Rectangle

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



43, 77.649, 339.535



43, 77.649, 29.535



43, 77.649, 159.535



43, 77.649, 209.535

Sweetspot

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



43, 77.646, 339.535



80, 38.734, 333.370



25, 104.345, 307.334



40, 26.748, 333.677



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, 77.646, 339.535



56, 94.624, 340.023



40, 70.077, 21.683



37, 6.041, 332.000



35, 68.074, 339.589



3, 17.197, 335.605

Inverse Universe

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



43, 77.646, 339.535



56, 94.624, 340.023



68, 54.934, 163.569



37, 6.041, 332.000



35, 68.074, 339.589



3, 17.197, 335.605

Previews

White Background



This preview shows how the CIELCh color 43, 77.649, 339.535 looks on a white background.

Color Contrast Check

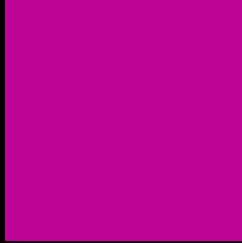
Large Text (above 18pt) WCAG AA ✓ Pass

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, 77.649, 339.535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

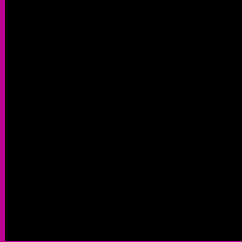
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 77.649, 339.535

Background



This preview shows how black text looks on a background with the CIELCh color 43, 77.649, 339.535.



This preview shows how white text looks on a background with the CIELCh color 43, 77.649, 339.535.

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, 77.649, 339.535

Protanopia

44, 65.805, 287.613

Deuteranopia

44, 22.275, 286.118



Tritanopia
43, 57.147, 28.124

Trichromacy



Original Color
43, 77.649, 339.535



Protanomaly
36, 74.217, 303.637



Deuteranomaly
39, 50.078, 321.884



Tritanomaly
42, 60.695, 5.239

Monochromacy



Original Color
43, 77.649, 339.535



Achromatopsia
32, 0.005, 296.813



Achromatomaly
32, 40.158, 335.189

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 77.649, 339.535 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(190, 4, 148)` looks like.

```
.text, #text, p{  
    color:rgb(190, 4, 148)  
}
```

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(190, 4, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 4, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 77.649, 339.535 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(190, 4, 148) }
```

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

```
.border{ border-color:rgb(190, 4, 148) }
```

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

Here you see how a box with a 4 pixel rgb(190, 4, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 4, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 4, 148);  
box-shadow:4px 4px 4px 4px rgb(190, 4,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 77.649, 339.535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 4, 148) }
```

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

```
.background{ background-color: rgb(190, 4,  
148) }
```

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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