

Converting Colors

CIELCh(44, 83.586, 334.585)

Have a look what the booklet for
CIELCh(44, 83.586, 334.585)
contains.

CIELCh(44, 83.571, 334.530)	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, 83.571, 334.530)

Conversions

Conversions Part 1

Format	Color
Hex	BF01A5
RGB	191, 1, 165
RGB Percent	75%, 0%, 65%
CMY	0.2502, 0.9974, 0.3522
CMYK	0.00, 1.00, 0.14, 0.25
HSL	308°, 99%, 38%
HSV	308°, 100%, 75%
XYZ	28.3491, 13.8382, 36.8585
YIQ	76.5060, 60.5960, 91.2840

Conversions

Conversions Part 2

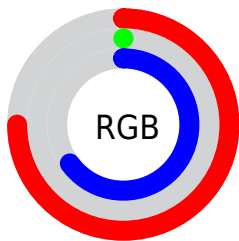
Format	Color
R_{YB}	191, 1, 165
Decimal	12517797
CIE _{Lab}	44.00, 75.45, -35.94
CIE _{LCh}	44, 83.571, 334.530
Yxy	13.8382, 0.3586, 0.1751
Android (android.graphics.Color)	4290707877 (0xFFBF01A5)
YUV	76.5060, 43.6275, 100.4112
Hunter-Lab	37.1997, 70.9312, -32.7062

Details

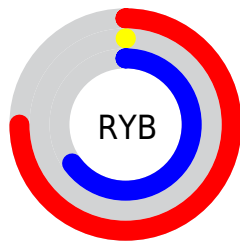
The CIELCh color **44, 83.571, 334.530** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **68, 93.209, 137.407**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 83.380, 334.613**, and **30, 63.562, 335.064** is the 20% darker color. If you saturate the color by 10%, you get **44, 83.607, 334.553**, and if you desaturate by 10%, it is **45, 82.192, 333.867**.

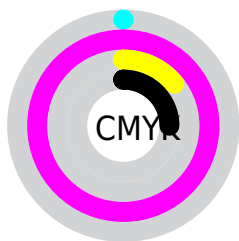
Distribution



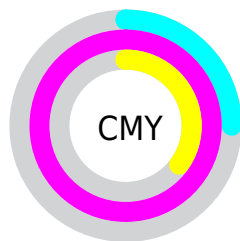
- Red (75%)
- Green (0%)
- Blue (65%)



- Red (75%)
- Yellow (0%)
- Blue (65%)



- Cyan (0%)
- Magenta (100%)
- Yellow (14%)
- Black (25%)



- Cyan (25%)
- Magenta (100%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 83.571, 334.530 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, 83.571, 334.530 by changing the saturation by 10% instead.


 44, 83.571,
334.530


 44, 83.571,
334.530


 100, 83.571,
334.530


 34, 83.571,
334.530

 64, 83.571,
334.530


 24, 83.571,
334.530

 74, 83.571,
334.530

 14, 83.571,
334.530


 84, 83.571,
334.530

 4, 83.571, 334.530

 94, 83.571,
334.530

 0, 83.571, 334.530

 44, 83.571,

 44, 83.571,

334.530

334.530

■ 44, 83.607,
334.553

■ 45, 82.192,
333.867

■ 46, 78.791,
333.238

■ 48, 73.061,
332.628

■ 51, 65.272,
332.022

■ 55, 55.875,
331.411

■ 59, 45.361,
330.796

■ 63, 34.171,
330.179

■ 68, 22.659,
329.564

■ 73, 11.083,
328.950

Harmonies

Complementary

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



44, 83.571, 334.530



68, 93.209, 137.407

Rectangle

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



44, 83.571, 334.530



44, 83.571, 24.530



44, 83.571, 154.530



44, 83.571, 204.530

Sweetspot

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



44, 83.568, 334.530



80, 42.594, 330.229



24, 106.738, 306.754



40, 29.226, 330.492



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



44, 83.568, 334.530



57, 101.287, 334.668



41, 68.750, 14.861



37, 6.434, 328.931



36, 72.743, 334.450



3, 18.773, 330.943

Inverse Universe

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



44, 83.568, 334.530



57, 101.287, 334.668



69, 61.705, 156.968



37, 6.434, 328.931



36, 72.743, 334.450



3, 18.773, 330.943

Previews

White Background



This preview shows how the CIELCh color 44, 83.571, 334.530 looks on a white background.

Color Contrast Check

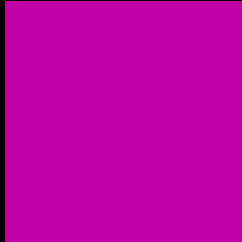
Large Text (above 18pt) WCAG AA ✓ Pass

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, 83.571, 334.530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

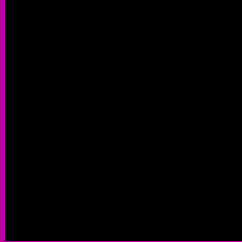
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 83.571, 334.530

Background



This preview shows how black text looks on a background with the CIELCh color 44, 83.571, 334.530.



This preview shows how white text looks on a background with the CIELCh color 44, 83.571, 334.530.

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, 83.466, 334.533

Protanopia

45, 69.139, 287.569

Deuteranopia

45, 30.167, 282.762



Tritanopia
44, 53.038, 26.175

Trichromacy



Original Color
44, 83.466, 334.533



Protanomaly
36, 81.186, 301.791



Deuteranomaly
39, 57.759, 315.546



Tritanomaly
43, 59.990, 359.436

Monochromacy



Original Color
44, 83.466, 334.533



Achromatopsia
32, 0.005, 296.813



Achromatomaly
32, 43.381, 332.118

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 83.571, 334.530 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, 1, 165)` looks like.

```
.text, #text, p{  
    color:rgb(191, 1, 165)  
}
```

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, 1, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 1, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 83.571, 334.530 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, 1, 165) }
```

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

```
.border{ border-color:rgb(191, 1, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 1, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 1, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 1, 165);  
box-shadow:4px 4px 4px 4px rgb(191, 1,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 83.571, 334.530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 1, 165) }
```

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

```
.background{ background-color: rgb(191, 1,  
165) }
```

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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