

Converting Colors

CIELCh(43, 89.959, 328.229)

Have a look what the booklet for
CIELCh(43, 89.959, 328.229)
contains.

CIELCh(43, 89.731, 328.015)	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(43, 89.731, 328.015)

Conversions

Conversions Part 1

Format	Color
Hex	B500B6
RGB	181, 0, 182
RGB Percent	71%, 0%, 71%
CMY	0.2909, 1.0000, 0.2870
CMYK	0.01, 1.00, 0.00, 0.29
HSL	300°, 100%, 36%
HSV	300°, 100%, 71%
XYZ	27.4298, 13.1578, 45.2534
YIQ	74.8670, 49.4540, 94.9740

Conversions

Conversions Part 2

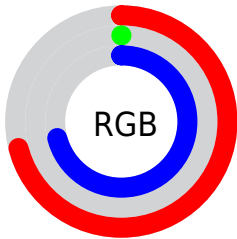
Format	Color
R_{YB}	181, 0, 182
Decimal	11862198
CIE _{Lab}	43.00, 76.11, -47.53
CIE _{LCh}	43, 89.731, 328.015
Yxy	13.1578, 0.3195, 0.1533
Android (android.graphics.Color)	4290052278 (0xFFB500B6)
YUV	74.8670, 52.8166, 93.0786
Hunter-Lab	36.2736, 71.5015, -48.5761

Details

The CIELCh color **43, 89.731, 328.015** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **64, 92.883, 135.992**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 89.878, 328.002**, and **29, 69.454, 326.743** is the 20% darker color. If you saturate the color by 10%, you get **43, 89.666, 328.013**, and if you desaturate by 10%, it is **44, 87.492, 327.947**.

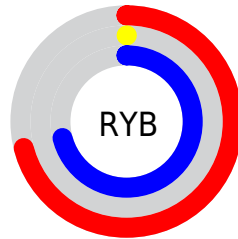
Distribution



Red (71%)

Green (0%)

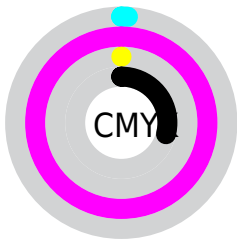
Blue (71%)



Red (71%)

Yellow (0%)

Blue (71%)

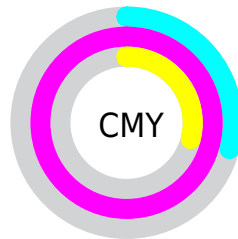


Cyan (1%)

Magenta (100%)

Yellow (0%)

Black (29%)



Cyan (29%)


Magenta (100%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 89.731, 328.015 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, 89.731, 328.015 by changing the saturation by 10% instead.


 43, 89.731,
328.015


 43, 89.731,
328.015


 100, 89.731,
328.015


 33, 89.731,
328.015

 63, 89.731,
328.015


 23, 89.731,
328.015

 73, 89.731,
328.015

 13, 89.731,
328.015


 83, 89.731,
328.015

 3, 89.731, 328.015

 93, 89.731,
328.015


 0, 89.731, 328.015

 43, 89.731,

 43, 89.731,

328.015

328.015


 43, 89.666,
328.013


 44, 87.492,
327.947


 45, 83.471,
327.806


 47, 77.219,
327.571

 49, 68.957,
327.249

 53, 59.087,
326.850

 56, 48.072,
326.391

 60, 36.344,
325.889

 65, 24.259,
325.360

■ 69, 12.084,
324.812

Harmonies

Complementary

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



43, 89.731, 328.015



64, 92.883, 135.992

Rectangle

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



43, 89.731, 328.015



43, 89.731, 18.015



43, 89.731, 148.015



43, 89.731, 198.015

Sweetspot

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



43, 89.666, 328.013



77, 45.092, 325.915



22, 103.030, 306.082



39, 30.934, 326.130



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, 89.666, 328.013



56, 109.415, 328.009



39, 65.951, 0.373



36, 6.898, 324.776



37, 79.907, 328.015



3, 18.769, 324.507

Inverse Universe

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



38, 80.852, 39.761



50, 98.754, 39.830



65, 70.218, 148.351



36, 4.003, 19.464



32, 71.657, 39.377



2, 10.639, 19.066

Previews

White Background



This preview shows how the CIELCh color 43, 89.731, 328.015 looks on a white background.

Color Contrast Check

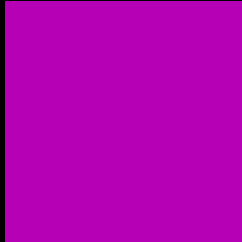
Large Text (above 18pt) WCAG AA ✓ Pass

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 43, 89.731, 328.015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

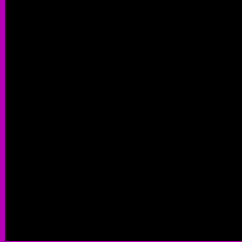
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 89.731, 328.015

Background



This preview shows how black text looks on a background with the CIELCh color 43, 89.731, 328.015.

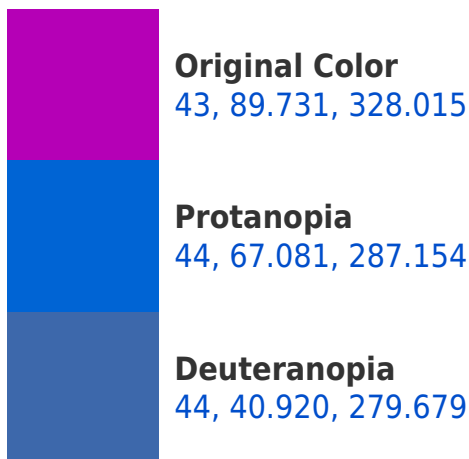


This preview shows how white text looks on a background with the CIELCh color 43, 89.731, 328.015.

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, 44.299, 23.144

Trichromacy



Original Color
43, 89.731, 328.015



Protanomaly
36, 83.005, 301.604



Deuteranomaly
38, 66.649, 308.183



Tritanomaly
41, 57.580, 350.654

Monochromacy



Original Color
43, 89.731, 328.015



Achromatopsia
32, 0.005, 296.813



Achromatomaly
31, 45.989, 326.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 89.731, 328.015 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(181, 0, 182)` looks like.

```
.text, #text, p{  
    color:rgb(181, 0, 182)  
}
```

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(181, 0, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 0, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 89.731, 328.015 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(181, 0, 182) }
```

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

```
.border{ border-color:rgb(181, 0, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 0, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 0, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 0, 182);  
box-shadow:4px 4px 4px 4px rgb(181, 0,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 89.731, 328.015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 0, 182) }
```

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

```
.background{ background-color: rgb(181, 0,  
182) }
```

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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