

Converting Colors

CIELCh(43, 88.662, 328.233)

Have a look what the booklet for
CIELCh(43, 88.662, 328.233)
contains.

CIELCh(43, 88.540, 328.216)	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, 88.540, 328.216)

Conversions

Conversions Part 1

Format	Color
Hex	B405B4
RGB	180, 5, 180
RGB Percent	71%, 2%, 71%
CMY	0.2929, 0.9803, 0.2929
CMYK	0.00, 0.97, 0.00, 0.29
HSL	300°, 95%, 36%
HSV	300°, 97%, 71%
XYZ	27.2197, 13.1578, 44.4446
YIQ	77.2750, 48.1250, 91.5250

Conversions

Conversions Part 2

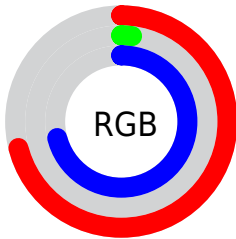
Format	Color
R_{YB}	180, 5, 180
Decimal	11797940
CIE _{Lab}	43.00, 75.26, -46.64
CIE _{LCh}	43, 88.540, 328.216
Yxy	13.1578, 0.3209, 0.1551
Android (android.graphics.Color)	4289988020 (0xFFB405B4)
YUV	77.2750, 50.6434, 90.0898
Hunter-Lab	36.2736, 70.4672, -47.2540

Details

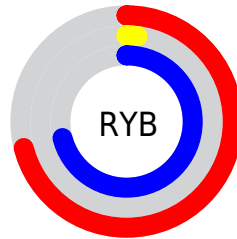
The CIELCh color **43, 88.540, 328.216** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **64, 91.666, 136.131**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 88.597, 328.193**, and **28, 68.642, 327.022** is the 20% darker color. If you saturate the color by 10%, you get **43, 89.088, 328.237**, and if you desaturate by 10%, it is **44, 86.039, 328.119**.

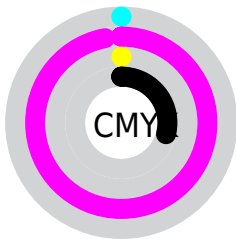
Distribution



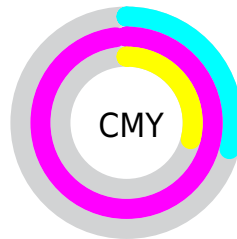
- Red (71%)
- Green (2%)
- Blue (71%)



- Red (71%)
- Yellow (2%)
- Blue (71%)



- Cyan (0%)
- Magenta (97%)
- Yellow (0%)
- Black (29%)





- Cyan (29%)
- Magenta (98%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 88.540, 328.216 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, 88.540, 328.216 by changing the saturation by 10% instead.


 43, 88.540,
328.216


 43, 88.540,
328.216


 100, 88.540,
328.216


 33, 88.540,
328.216

 63, 88.540,
328.216


 23, 88.540,
328.216

 73, 88.540,
328.216

 13, 88.540,
328.216

 83, 88.540,
328.216

 3, 88.540, 328.216

 93, 88.540,
328.216

 0, 88.540, 328.216

 43, 88.540,

 43, 88.540,

328.216

■ 43, 89.088,
328.237

328.216

■ 44, 86.039,
328.119

■ 45, 81.430,
327.939

■ 47, 74.643,
327.670

■ 50, 65.956,
327.317

■ 53, 55.793,
326.895

■ 57, 44.611,
326.418

■ 61, 32.822,
325.904

■ 65, 20.755,
325.365

Harmonies

Complementary

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



43, 88.540, 328.216



64, 91.666, 136.131

Rectangle

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



43, 88.540, 328.216



43, 88.540, 18.216



43, 88.540, 148.216



43, 88.540, 198.216

Sweetspot

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



43, 88.538, 328.216



77, 43.289, 326.023



22, 101.738, 306.029



38, 29.610, 326.241



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



43, 88.538, 328.216



56, 108.491, 328.237



39, 64.965, 0.848



35, 6.750, 324.928



36, 78.920, 328.237



3, 16.260, 324.444

Inverse Universe

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



43, 88.538, 328.216



56, 108.491, 328.237



65, 67.432, 149.778



35, 6.750, 324.928



36, 78.920, 328.237



3, 16.260, 324.444

Previews

White Background



This preview shows how the CIELCh color 43, 88.540, 328.216 looks on a white background.

Color Contrast Check

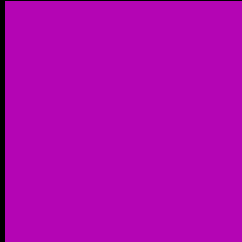
Large Text (above 18pt) WCAG AA ✓ Pass

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, 88.540, 328.216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

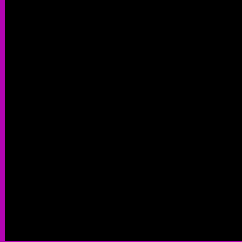
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 88.540, 328.216

Background



This preview shows how black text looks on a background with the CIELCh color 43, 88.540, 328.216.

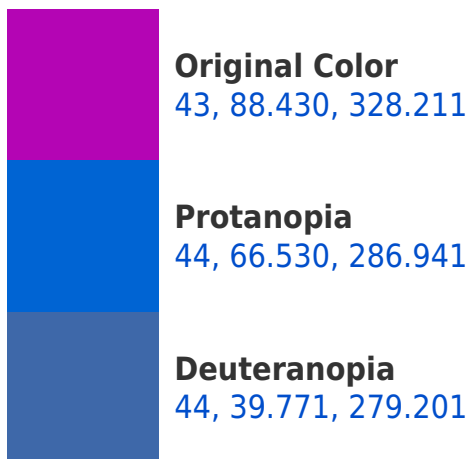


This preview shows how white text looks on a background with the CIELCh color 43, 88.540, 328.216.

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, 88.430, 328.211



Protanomaly
36, 81.848, 301.345



Deuteranomaly
38, 64.317, 307.915



Tritanomaly
41, 56.834, 350.910

Monochromacy



Original Color
43, 88.430, 328.211



Achromatopsia
33, 0.005, 296.813



Achromatomaly
32, 44.890, 327.163

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 88.540, 328.216 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(180, 5, 180)` looks like.

```
.text, #text, p{  
    color:rgb(180, 5, 180)  
}
```

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(180, 5, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 5, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 88.540, 328.216 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(180, 5, 180) }
```

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

```
.border{ border-color:rgb(180, 5, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 5, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 5, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 5, 180);  
box-shadow:4px 4px 4px 4px rgb(180, 5,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 88.540, 328.216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 5, 180) }
```

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

```
.background{ background-color: rgb(180, 5,  
180) }
```

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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