

Converting Colors

CIELCh(43, 89.121, 328.908)

Have a look what the booklet for
CIELCh(43, 89.121, 328.908)
contains.

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Color

CIELCh(43, 88.564, 328.897)

Conversions

Conversions Part 1

Format	Color
Hex	B600B3
RGB	182, 0, 179
RGB Percent	71%, 0%, 70%
CMY	0.2870, 1.0000, 0.2987
CMYK	0.00, 1.00, 0.02, 0.29
HSL	301°, 100%, 36%
HSV	301°, 100%, 71%
XYZ	27.3610, 13.1578, 43.6536
YIQ	74.8240, 51.0130, 94.2530

Conversions

Conversions Part 2

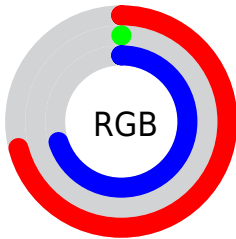
Format	Color
RYB	182, 0, 179
Decimal	11927731
CIELab	43.00, 75.83, -45.75
CIELCh	43, 88.564, 328.897
Yxy	13.1578, 0.3251, 0.1563
Android (android.graphics.Color)	4290117811 (0xFFB600B3)
YUV	74.8240, 51.3588, 93.9934
Hunter-Lab	36.2736, 71.1628, -45.9611

Details

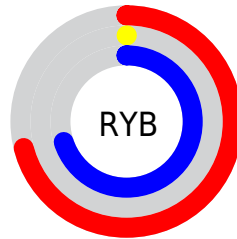
The CIELCh color **43, 88.564, 328.897** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **64, 92.604, 136.152**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 88.405, 329.049**, and **29, 68.172, 327.926** is the 20% darker color. If you saturate the color by 10%, you get **43, 88.500, 328.895**, and if you desaturate by 10%, it is **44, 86.443, 328.758**.

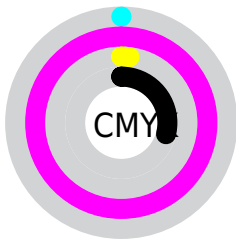
Distribution



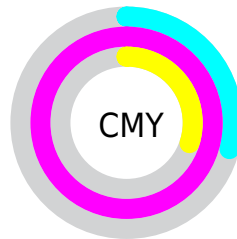
- Red (71%)
- Green (0%)
- Blue (70%)



- Red (71%)
- Yellow (0%)
- Blue (70%)



- Cyan (0%)
- Magenta (100%)
- Yellow (2%)
- Black (29%)



- Cyan (29%)
- Magenta (100%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 88.564, 328.897 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, 88.564, 328.897 by changing the saturation by 10% instead.

 43, 88.564,
328.897


 43, 88.564,
328.897

 100, 88.564,
328.897

 33, 88.564,
328.897

 63, 88.564,
328.897

 23, 88.564,
328.897

 73, 88.564,
328.897

 13, 88.564,
328.897

 83, 88.564,
328.897

 3, 88.564, 328.897

 93, 88.564,
328.897

 0, 88.564, 328.897

 43, 88.564,

 43, 88.564,

328.897

■ 43, 88.500,
328.895

328.897

■ 44, 86.443,
328.758

■ 45, 82.538,
328.558

■ 47, 76.403,
328.279

■ 49, 68.259,
327.922

■ 53, 58.507,
327.497

■ 56, 47.610,
327.019

■ 60, 35.999,
326.503

■ 65, 24.030,
325.962

■ 69, 11.971,
325.406

Harmonies

Complementary

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



43, 88.564, 328.897



64, 92.604, 136.152

Rectangle

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



43, 88.564, 328.897



43, 88.564, 18.897



43, 88.564, 148.897



43, 88.564, 198.897

Sweetspot

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



43, 88.500, 328.895



77, 44.665, 326.530



21, 103.801, 306.287



39, 30.639, 326.750



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, 88.500, 328.895



56, 107.970, 328.907



39, 65.745, 1.945



36, 6.833, 325.369



37, 78.881, 328.887



3, 18.513, 325.357

Inverse Universe

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



43, 88.500, 328.895



56, 107.970, 328.907



65, 69.034, 149.173



36, 6.833, 325.369



37, 78.881, 328.887



3, 18.513, 325.357

Previews

White Background



This preview shows how the CIELCh color 43, 88.564, 328.897 looks on a white background.

Color Contrast Check

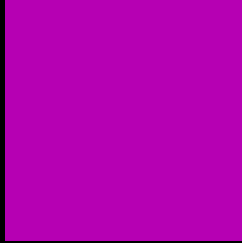
Large Text (above 18pt) WCAG AA ✓ Pass

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, 88.564, 328.897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

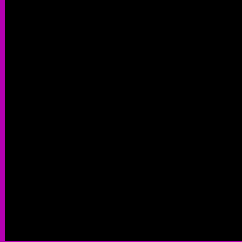
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 88.564, 328.897

Background



This preview shows how black text looks on a background with the CIELCh color 43, 88.564, 328.897.

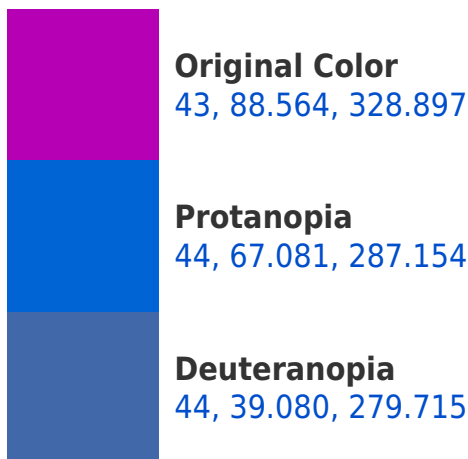


This preview shows how white text looks on a background with the CIELCh color 43, 88.564, 328.897.

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
44, 45.666, 23.547

Trichromacy



Original Color
43, 88.564, 328.897

Protanomaly
36, 82.463, 301.567

Deuteranomaly
38, 65.008, 308.918

Tritanomaly
42, 57.831, 351.849

Monochromacy



Original Color
43, 88.564, 328.897

Achromatopsia
32, 0.005, 296.813

Achromatomaly
32, 45.639, 327.700

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 88.564, 328.897 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(182, 0, 179)` looks like.

```
.text, #text, p{  
    color:rgb(182, 0, 179)  
}
```

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(182, 0, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 0, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 88.564, 328.897 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(182, 0, 179) }
```

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

```
.border{ border-color:rgb(182, 0, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 0, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 0, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 0, 179);  
box-shadow:4px 4px 4px 4px rgb(182, 0,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 88.564, 328.897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 0, 179) }
```

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

```
.background{ background-color: rgb(182, 0,  
179) }
```

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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