

Converting Colors

CIELCh(43, 88.646, 328.646)

Have a look what the booklet for
CIELCh(43, 88.646, 328.646)
contains.

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Color

CIELCh(43, 88.468, 328.671)

Conversions

Conversions Part 1

Format	Color
Hex	B502B3
RGB	181, 2, 179
RGB Percent	71%, 1%, 70%
CMY	0.2892, 0.9928, 0.2971
CMYK	0.00, 0.99, 0.01, 0.29
HSL	301°, 98%, 36%
HSV	301°, 99%, 71%
XYZ	27.2957, 13.1578, 43.8749
YIQ	75.6990, 49.8670, 92.9950

Conversions

Conversions Part 2

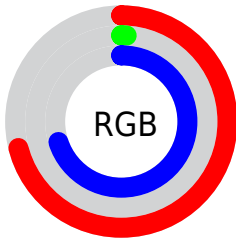
Format	Color
RYB	181, 2, 179
Decimal	11862707
CIELab	43.00, 75.57, -46.00
CIELCh	43, 88.468, 328.671
Yxy	13.1578, 0.3237, 0.1560
Android (android.graphics.Color)	4290052787 (0xFFB502B3)
YUV	75.6990, 50.9274, 92.3490
Hunter-Lab	36.2736, 70.8412, -46.3229

Details

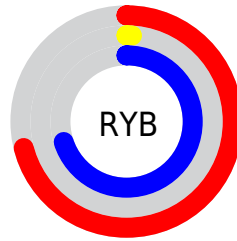
The CIELCh color **43, 88.468, 328.671** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **64, 92.246, 136.149**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 88.331, 328.837**, and **29, 68.196, 327.621** is the 20% darker color. If you saturate the color by 10%, you get **43, 88.657, 328.682**, and if you desaturate by 10%, it is **44, 86.272, 328.548**.

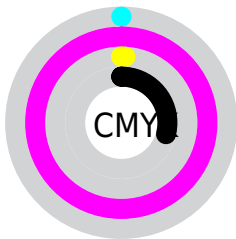
Distribution



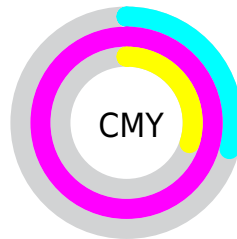
- Red (71%)
- Green (1%)
- Blue (70%)



- Red (71%)
- Yellow (1%)
- Blue (70%)



- Cyan (0%)
- Magenta (99%)
- Yellow (1%)
- Black (29%)





- Cyan (29%)
- Magenta (99%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 88.468, 328.671 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, 88.468, 328.671 by changing the saturation by 10% instead.


 43, 88.468,
328.671


 43, 88.468,
328.671


 100, 88.468,
328.671


 33, 88.468,
328.671

 63, 88.468,
328.671


 23, 88.468,
328.671

 73, 88.468,
328.671

 13, 88.468,
328.671

 83, 88.468,
328.671

 3, 88.468, 328.671

 93, 88.468,
328.671

 0, 88.468, 328.671

 43, 88.468,

 43, 88.468,

328.671

■ 43, 88.657,
328.682

328.671

■ 44, 86.272,
328.548

■ 45, 82.117,
328.354

■ 47, 75.748,
328.078

■ 50, 67.408,
327.722

■ 53, 57.509,
327.297

■ 57, 46.511,
326.820

■ 61, 34.839,
326.304

■ 65, 22.839,
325.764

■ 70, 10.771,
325.207

Harmonies

Complementary

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



43, 88.468, 328.671



64, 92.246, 136.149

Rectangle

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



43, 88.468, 328.671



43, 88.468, 18.671



43, 88.468, 148.671



43, 88.468, 198.671

Sweetspot

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



43, 88.466, 328.671



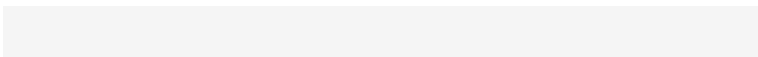
76, 44.430, 326.383



22, 103.042, 306.194



38, 30.209, 326.599



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, 88.466, 328.671



56, 107.538, 328.690



39, 65.454, 1.549



36, 6.858, 325.227



37, 79.200, 328.677



3, 18.611, 325.159

Inverse Universe

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



43, 88.466, 328.671



56, 107.538, 328.690



65, 68.448, 149.389



36, 6.858, 325.227



37, 79.200, 328.677



3, 18.611, 325.159

Previews

White Background



This preview shows how the CIELCh color 43, 88.468, 328.671 looks on a white background.

Color Contrast Check

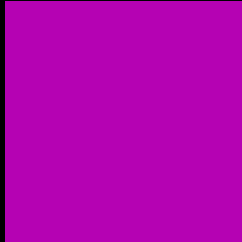
Large Text (above 18pt) WCAG AA ✓ Pass

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, 88.468, 328.671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

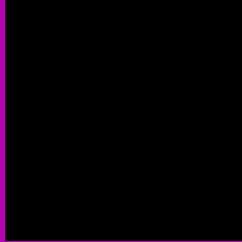
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 88.468, 328.671

Background



This preview shows how black text looks on a background with the CIELCh color 43, 88.468, 328.671.



This preview shows how white text looks on a background with the CIELCh color 43, 88.468, 328.671.

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, 88.359, 328.667

Protanopia

44, 67.081, 287.154

Deuteranopia

44, 39.126, 279.408



Tritanopia
43, 45.235, 23.441

Trichromacy



Original Color
43, 88.359, 328.667

Protanomaly
36, 82.463, 301.567

Deuteranomaly
38, 64.391, 308.719

Tritanomaly
41, 57.603, 351.523

Monochromacy



Original Color
43, 88.359, 328.667

Achromatopsia
32, 0.005, 296.813

Achromatomaly
32, 45.508, 327.215

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 88.468, 328.671 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, 2, 179)` looks like.

```
.text, #text, p{  
    color:rgb(181, 2, 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(181, 2, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 2, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 88.468, 328.671 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, 2, 179) }
```

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

```
.border{ border-color:rgb(181, 2, 179) }
```

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

Here you see how a box with a 4 pixel rgb(181, 2, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 2, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 2, 179);  
box-shadow:4px 4px 4px 4px rgb(181, 2,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 88.468, 328.671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 2, 179) }
```

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

```
.background{ background-color: rgb(181, 2,  
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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