

Converting Colors

CIELCh(43, 72.704, 338.044)

Have a look what the booklet for
CIELCh(43, 72.704, 338.044)
contains.

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Color

CIELCh(43, 72.704, 338.016)

Conversions

Conversions Part 1

Format	Color
Hex	B71F94
RGB	183, 31, 148
RGB Percent	72%, 12%, 58%
CMY	0.2828, 0.8791, 0.4200
CMYK	0.00, 0.83, 0.19, 0.28
HSL	314°, 71%, 42%
HSV	314°, 83%, 72%
XYZ	25.3218, 13.1578, 29.1770
YIQ	89.7860, 53.0350, 68.6110

Conversions

Conversions Part 2

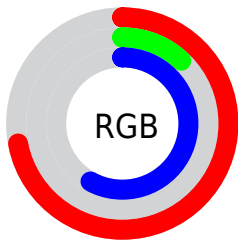
Format	Color
R _Y B	183, 31, 148
Decimal	12001172
CIE Lab	43.00, 67.42, -27.22
CIE LCh	43, 72.704, 338.016
Yxy	13.1578, 0.3743, 0.1945
Android (android.graphics.Color)	4290191252 (0xFFB71F94)
YUV	89.7860, 28.6995, 81.7487
Hunter-Lab	36.2736, 61.1280, -22.2988

Details

The CIELCh color **43, 72.704, 338.016** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **65, 77.549, 142.087**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 72.576, 338.001**, and **27, 57.646, 339.190** is the 20% darker color. If you saturate the color by 10%, you get **42, 74.862, 339.167**, and if you desaturate by 10%, it is **45, 68.296, 337.017**.

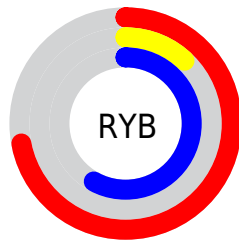
Distribution



Red (72%)

Green (12%)

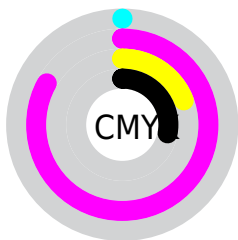
Blue (58%)



Red (72%)

Yellow (12%)

Blue (58%)

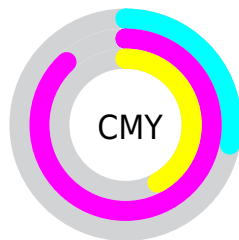


Cyan (0%)

Magenta (83%)

Yellow (19%)

Black (28%)



Cyan (28%)


Magenta (88%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 72.704, 338.016 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, 72.704, 338.016 by changing the saturation by 10% instead.


 43, 72.704,
338.016


 43, 72.704,
338.016


 100, 72.704,
338.016


 33, 72.704,
338.016

 63, 72.704,
338.016


 23, 72.704,
338.016

 73, 72.704,
338.016

 13, 72.704,
338.016

 83, 72.704,
338.016

 3, 72.704, 338.016

 93, 72.704,
338.016

 0, 72.704, 338.016

 43, 72.704,

 43, 72.704,

338.016

■ 42, 74.862,
339.167

■ 41, 75.428,
340.036

338.016

■ 45, 68.296,
337.017

■ 48, 61.841,
336.124

■ 51, 53.743,
335.303

■ 55, 44.477,
334.532

■ 59, 34.483,
333.799

■ 63, 24.118,
333.096

■ 68, 13.644,
332.418

■ 73, 3.241, 331.708

Harmonies

Complementary

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



43, 72.704, 338.016



65, 77.549, 142.087

Rectangle

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



43, 72.704, 338.016



43, 72.704, 28.016



43, 72.704, 158.016



43, 72.704, 208.016

Sweetspot

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



43, 72.701, 338.016



79, 32.186, 333.253



28, 91.496, 306.772



40, 22.130, 333.498



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, 72.701, 338.016



53, 91.395, 340.284



40, 61.914, 14.094



36, 5.886, 332.162



35, 67.066, 339.853



3, 14.959, 335.499

Inverse Universe

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



43, 72.701, 338.016



53, 91.395, 340.284



67, 49.142, 166.598



36, 5.886, 332.162



35, 67.066, 339.853



3, 14.959, 335.499

Previews

White Background



This preview shows how the CIELCh color 43, 72.704, 338.016 looks on a white background.

Color Contrast Check

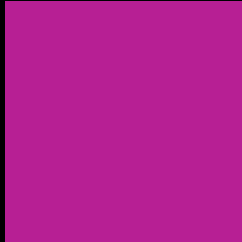
Large Text (above 18pt) WCAG AA ✓ Pass

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, 72.704, 338.016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

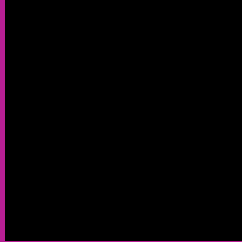
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 72.704, 338.016

Background



This preview shows how black text looks on a background with the CIELCh color 43, 72.704, 338.016.

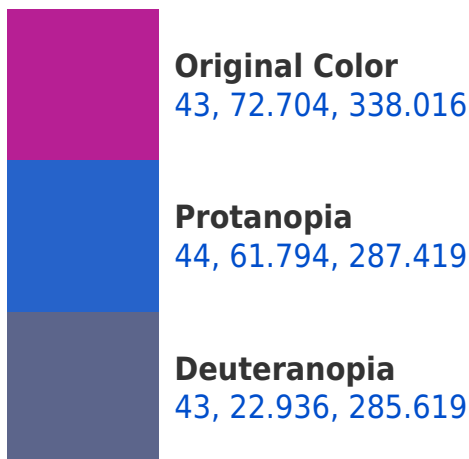


This preview shows how white text looks on a background with the CIELCh color 43, 72.704, 338.016.

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, 51.501, 26.020

Trichromacy



Original Color
43, 72.704, 338.016

Protanomaly
39, 65.622, 302.811

Deuteranomaly
40, 43.912, 319.110

Tritanomaly
42, 54.643, 4.077

Monochromacy



Original Color
43, 72.704, 338.016

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 33.822, 334.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 72.704, 338.016 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(183, 31, 148)` looks like.

```
.text, #text, p{  
    color:rgb(183, 31, 148)  
}
```

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(183, 31, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 31, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 72.704, 338.016 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(183, 31, 148) }
```

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

```
.border{ border-color:rgb(183, 31, 148) }
```

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

Here you see how a box with a 4 pixel rgb(183, 31, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 31, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 31, 148);  
box-shadow:4px 4px 4px 4px rgb(183, 31,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 72.704, 338.016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 31, 148) }
```

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

```
.background{ background-color: rgb(183, 31,  
148) }
```

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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