

Converting Colors

CIELCh(43, 72.438, 308.335)

Have a look what the booklet for
CIELCh(43, 72.438, 308.335)
contains.

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Color

CIELCh(43, 72.368, 308.314)

Conversions

Conversions Part 1

Format	Color
Hex	784CC5
RGB	120, 76, 197
RGB Percent	47%, 30%, 77%
CMY	0.5300, 0.7025, 0.2280
CMYK	0.39, 0.61, 0.00, 0.23
HSL	262°, 51%, 53%
HSV	262°, 61%, 77%
XYZ	20.3615, 13.1578, 54.2009
YIQ	102.9500, -12.6170, 46.9590

Conversions

Conversions Part 2

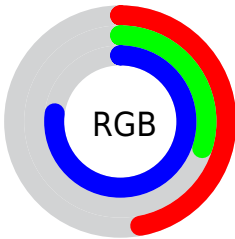
Format	Color
R_{YB}	120, 76, 197
Decimal	7883973
CIE _{Lab}	43.00, 44.87, -56.78
CIE _{LCh}	43, 72.368, 308.314
Yxy	13.1578, 0.2321, 0.1500
Android (android.graphics.Color)	4286074053 (0xFF784CC5)
YUV	102.9500, 46.3667, 14.9529
Hunter-Lab	36.2736, 36.7188, -63.2009

Details

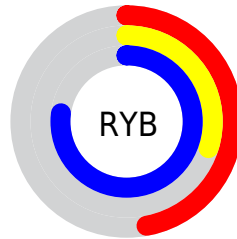
The CIELCh color **43, 72.368, 308.314** is a dark color, and the websafe version is hex **663399**. The color can be described as dark muted purple. A complement of this color would be **74, 63.691, 121.223**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 72.085, 308.411**, and **23, 72.304, 308.254** is the 20% darker color. If you saturate the color by 10%, you get **38, 83.819, 308.964**, and if you desaturate by 10%, it is **49, 60.270, 307.567**.

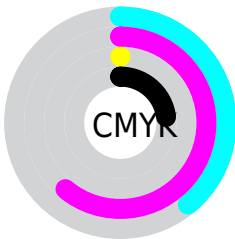
Distribution



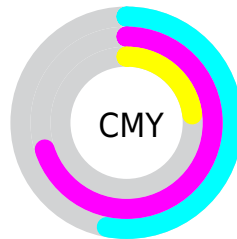
- Red (47%)
- Green (30%)
- Blue (77%)



- Red (47%)
- Yellow (30%)
- Blue (77%)



- Cyan (39%)
- Magenta (61%)
- Yellow (0%)
- Black (23%)





- Cyan (53%)
- Magenta (70%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 72.368, 308.314 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, 72.368, 308.314 by changing the saturation by 10% instead.


 43, 72.368,
308.314


 43, 72.368,
308.314


 100, 72.368,
308.314

 33, 72.368,
308.314

 63, 72.368,
308.314


 23, 72.368,
308.314

 73, 72.368,
308.314

 13, 72.368,
308.314

 83, 72.368,
308.314

 3, 72.368, 308.314

 93, 72.368,
308.314

 0, 72.368, 308.314

 43, 72.368,

 43, 72.368,

308.314

308.314

■ 38, 83.819,
308.964

■ 49, 60.270,
307.567

■ 33, 93.823,
309.392

■ 54, 48.033,
306.802

■ 30, 101.349,
309.442

■ 60, 35.940,
306.069

■ 28, 105.694,
309.204

■ 66, 24.133,
305.392

■ 73, 12.677,
304.778

■ 79, 1.594, 304.197

■ 85, 9.117, 123.771

■ 91, 19.467,
123.350

■ 97, 29.473,
122.987

Harmonies

Complementary

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



43, 72.368, 308.314



74, 63.691, 121.223

Rectangle

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



43, 72.368, 308.314



43, 72.368, 358.314



43, 72.368, 128.314



43, 72.368, 178.314

Sweetspot

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



43, 72.367, 308.314



87, 24.848, 305.189



61, 31.206, 248.615



44, 17.350, 305.377



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



43, 72.367, 308.314



47, 106.592, 309.155



50, 73.719, 322.793



39, 6.306, 304.659



22, 91.817, 309.344



2, 21.939, 301.399

Inverse Universe

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



51, 59.040, 342.643



61, 82.148, 344.642



71, 72.993, 136.280



39, 5.718, 337.616



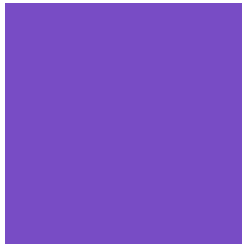
36, 63.811, 349.558



4, 19.536, 344.515

Previews

White Background



This preview shows how the CIELCh color 43, 72.368, 308.314 looks on a white background.

Color Contrast Check

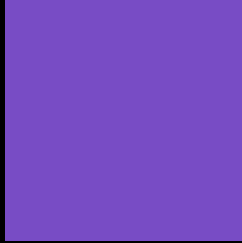
Large Text (above 18pt) WCAG AA ✓ Pass

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, 72.368, 308.314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

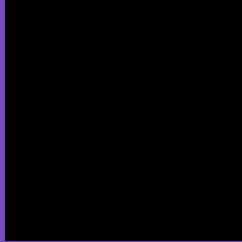
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 72.368, 308.314

Background



This preview shows how black text looks on a background with the CIELCh color 43, 72.368, 308.314.



This preview shows how white text looks on a background with the CIELCh color 43, 72.368, 308.314.

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, 72.368, 308.314

Protanopia

43, 66.119, 287.146

Deuteranopia

43, 48.430, 276.054



Tritanopia
43, 4.828, 286.133

Trichromacy



Original Color
43, 72.368, 308.314

Protanomaly
42, 68.523, 292.017

Deuteranomaly
41, 56.372, 287.156

Tritanomaly
42, 30.183, 304.348

Monochromacy



Original Color
43, 72.368, 308.314

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 27.290, 306.055

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 72.368, 308.314 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(120, 76, 197)` looks like.

```
.text, #text, p{  
    color:rgb(120, 76, 197)  
}
```

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(120, 76, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 76, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 72.368, 308.314 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(120, 76, 197) }
```

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

```
.border{ border-color:rgb(120, 76, 197) }
```

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

Here you see how a box with a 4 pixel rgb(120, 76, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 76, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 76, 197);  
box-shadow:4px 4px 4px 4px rgb(120, 76,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 72.368, 308.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 76, 197) }
```

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

```
.background{ background-color: rgb(120, 76,  
197) }
```

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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