

Converting Colors

CIELCh(43, 66.609, 338.207)

Have a look what the booklet for
CIELCh(43, 66.609, 338.207)
contains.

CIELCh(43, 66.806, 338.091)	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, 66.806, 338.091)

Conversions

Conversions Part 1

Format	Color
Hex	B12C90
RGB	177, 44, 144
RGB Percent	69%, 17%, 56%
CMY	0.3060, 0.8275, 0.4354
CMYK	0.00, 0.75, 0.19, 0.31
HSL	315°, 60%, 43%
HSV	315°, 75%, 69%
XYZ	24.0597, 13.1578, 27.6505
YIQ	95.1670, 47.1680, 59.2960

Conversions

Conversions Part 2

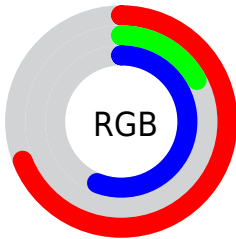
Format	Color
R_{YB}	177, 44, 144
Decimal	11611280
CIE _{Lab}	43.00, 61.98, -24.93
CIE _{LCh}	43, 66.806, 338.091
Yxy	13.1578, 0.3709, 0.2028
Android (android.graphics.Color)	4289801360 (0xFFB12C90)
YUV	95.1670, 24.0747, 71.7675
Hunter-Lab	36.2736, 54.9174, -19.8038

Details

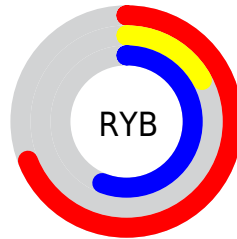
The CIELCh color **43, 66.806, 338.091** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **64, 69.373, 144.044**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 66.839, 338.161**, and **26, 55.979, 339.194** is the 20% darker color. If you saturate the color by 10%, you get **41, 70.640, 339.203**, and if you desaturate by 10%, it is **46, 60.931, 337.116**.

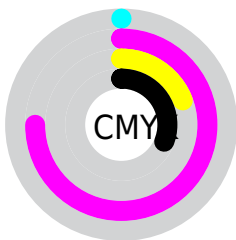
Distribution



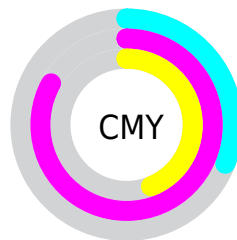
- Red (69%)
- Green (17%)
- Blue (56%)



- Red (69%)
- Yellow (17%)
- Blue (56%)



- Cyan (0%)
- Magenta (75%)
- Yellow (19%)
- Black (31%)





- Cyan (31%)
- Magenta (83%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 66.806, 338.091 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, 66.806, 338.091 by changing the saturation by 10% instead.


 43, 66.806,
338.091


 43, 66.806,
338.091


 100, 66.806,
338.091


 33, 66.806,
338.091

 63, 66.806,
338.091


 23, 66.806,
338.091

 73, 66.806,
338.091

 13, 66.806,
338.091


 83, 66.806,
338.091

 3, 66.806, 338.091

 93, 66.806,
338.091

 0, 66.806, 338.091

 43, 66.806,

 43, 66.806,

338.091

41, 70.640,
339.203

40, 72.310,
340.505

40, 72.710,
341.181

338.091

46, 60.931,
337.116

49, 53.393,
336.235

52, 44.648,
335.421

56, 35.131,
334.655

61, 25.203,
333.928

65, 15.133,
333.232

70, 5.108, 332.538

75, 4.754, 152.034

■ 79, 14.382,
151.400

Harmonies

Complementary

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



43, 66.806, 338.091



64, 69.373, 144.044

Rectangle

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



43, 66.806, 338.091



43, 66.806, 28.091



43, 66.806, 158.091



43, 66.806, 208.091

Sweetspot

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



43, 66.803, 338.091



78, 28.470, 333.804



31, 81.392, 306.362



39, 19.688, 334.055



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



43, 66.803, 338.091



52, 87.381, 340.010



41, 56.230, 12.147



35, 5.677, 332.834



34, 65.440, 340.993



2, 12.758, 336.035

Inverse Universe

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



43, 66.803, 338.091



52, 87.381, 340.010



65, 44.294, 169.373



35, 5.677, 332.834



34, 65.440, 340.993



2, 12.758, 336.035

Previews

White Background



This preview shows how the CIELCh color 43, 66.806, 338.091 looks on a white background.

Color Contrast Check

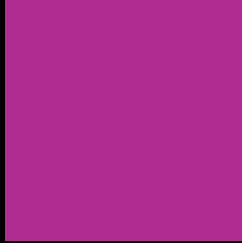
Large Text (above 18pt) WCAG AA ✓ Pass

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, 66.806, 338.091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

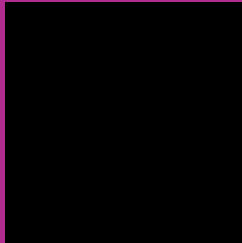
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 66.806, 338.091

Background



This preview shows how black text looks on a background with the CIELCh color 43, 66.806, 338.091.

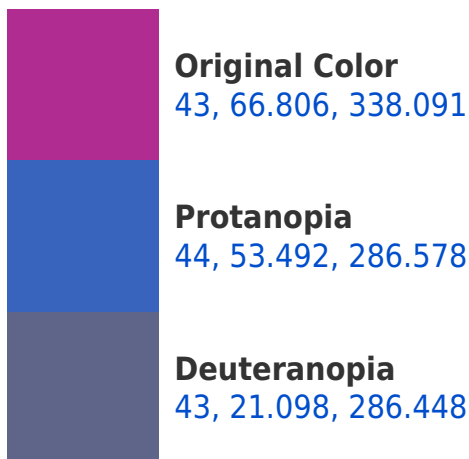


This preview shows how white text looks on a background with the CIELCh color 43, 66.806, 338.091.

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, 46.842, 24.622

Trichromacy



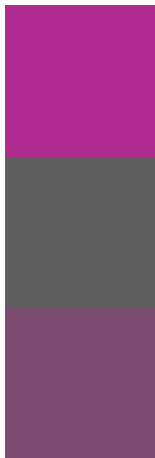
Original Color
43, 66.806, 338.091

Protanomaly
40, 56.596, 303.819

Deuteranomaly
41, 38.897, 318.917

Tritanomaly
43, 49.756, 3.130

Monochromacy



Original Color
43, 66.806, 338.091

Achromatopsia
40, 0.006, 296.813

Achromatomaly
39, 29.490, 334.742

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 66.806, 338.091 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(177, 44, 144)` looks like.

```
.text, #text, p{  
    color:rgb(177, 44, 144)  
}
```

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(177, 44, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 44, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 66.806, 338.091 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(177, 44, 144) }
```

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

```
.border{ border-color:rgb(177, 44, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 44, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 44, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 44, 144);  
box-shadow:4px 4px 4px 4px rgb(177, 44,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 66.806, 338.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 44, 144) }
```

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

```
.background{ background-color: rgb(177, 44,  
144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor