

Converting Colors

CIELCh(44, 75.024, 338.272)

Have a look what the booklet for
CIELCh(44, 75.024, 338.272)
contains.

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Color

CIELCh(44, 75.215, 338.243)

Conversions

Conversions Part 1

Format	Color
Hex	BD1B98
RGB	189, 27, 152
RGB Percent	74%, 11%, 60%
CMY	0.2601, 0.8923, 0.4051
CMYK	0.00, 0.85, 0.20, 0.26
HSL	314°, 75%, 42%
HSV	314°, 85%, 74%
XYZ	26.9492, 13.8382, 30.8280
YIQ	89.6880, 56.4270, 73.2190

Conversions

Conversions Part 2

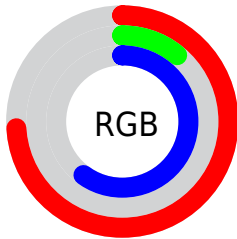
Format	Color
R_{YB}	189, 27, 152
Decimal	12393368
CIE _{Lab}	44.00, 69.86, -27.88
CIE _{LCh}	44, 75.215, 338.243
Yxy	13.8382, 0.3763, 0.1932
Android (android.graphics.Color)	4290583448 (0xFFBD1B98)
YUV	89.6880, 30.7198, 87.0966
Hunter-Lab	37.1997, 64.2141, -23.0947

Details

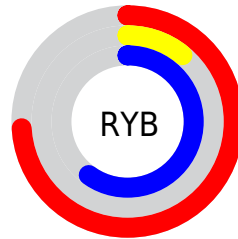
The CIELCh color **44, 75.215, 338.243** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **67, 80.968, 141.634**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 75.731, 338.101**, and **29, 59.374, 339.562** is the 20% darker color. If you saturate the color by 10%, you get **43, 76.871, 339.437**, and if you desaturate by 10%, it is **46, 71.254, 337.213**.

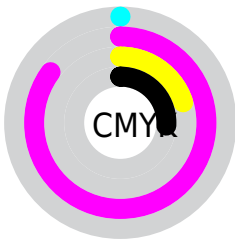
Distribution



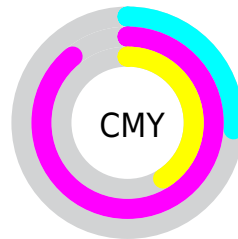
- Red (74%)
- Green (11%)
- Blue (60%)



- Red (74%)
- Yellow (11%)
- Blue (60%)



- Cyan (0%)
- Magenta (85%)
- Yellow (20%)
- Black (26%)





- Cyan (26%)
- Magenta (89%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 75.215, 338.243 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 44, 75.215, 338.243 by changing the saturation by 10% instead.


 44, 75.215,
338.243


 44, 75.215,
338.243


 100, 75.215,
338.243

 34, 75.215,
338.243


 64, 75.215,
338.243


 24, 75.215,
338.243


 74, 75.215,
338.243

 14, 75.215,
338.243

 84, 75.215,
338.243

 4, 75.215, 338.243

 94, 75.215,
338.243

 0, 75.215, 338.243

 44, 75.215,

 44, 75.215,

338.243

338.243

■ 43, 76.871,
339.437

■ 46, 71.254,
337.213

■ 43, 77.213,
340.017

■ 48, 65.113,
336.298

■ 52, 57.170,
335.462

■ 55, 47.906,
334.681

■ 60, 37.792,
333.939

■ 64, 27.218,
333.229

■ 69, 16.476,
332.545

■ 74, 5.770, 331.864

Harmonies

Complementary

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



44, 75.215, 338.243



67, 80.968, 141.634

Rectangle

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



44, 75.215, 338.243



44, 75.215, 28.243



44, 75.215, 158.243



44, 75.215, 208.243

Sweetspot

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



44, 75.212, 338.243



81, 34.365, 333.297



28, 95.811, 306.942



41, 23.273, 333.540



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



44, 75.212, 338.243



55, 93.642, 340.258



41, 64.569, 15.221



37, 6.025, 332.135



35, 67.896, 339.822



3, 17.137, 335.807

Inverse Universe

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



44, 75.212, 338.243



55, 93.642, 340.258



68, 51.119, 166.125



37, 6.025, 332.135



35, 67.896, 339.822



3, 17.137, 335.807

Previews

White Background



This preview shows how the CIELCh color 44, 75.215, 338.243 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 CIE LCh color 44, 75.215, 338.243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

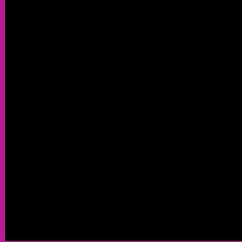
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 44, 75.215, 338.243

Background



This preview shows how black text looks on a background with the CIELCh color 44, 75.215, 338.243.

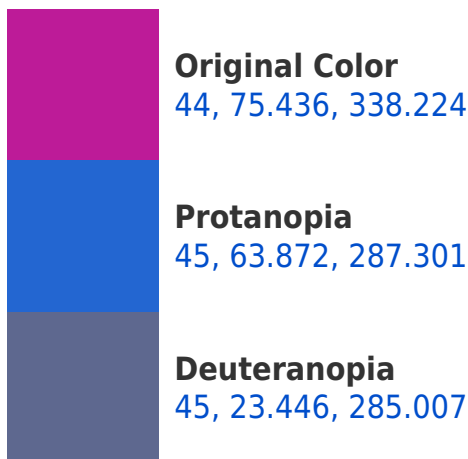


This preview shows how white text looks on a background with the CIELCh color 44, 75.215, 338.243.

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, 53.739, 26.946

Trichromacy



Original Color
44, 75.436, 338.224

Protanomaly
39, 68.348, 302.572

Deuteranomaly
41, 45.598, 319.034

Tritanomaly
43, 56.317, 4.219

Monochromacy



Original Color
44, 75.436, 338.224

Achromatopsia
38, 0.005, 296.813

Achromatomaly
37, 35.318, 334.995

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 75.215, 338.243 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(189, 27, 152)` looks like.

```
.text, #text, p{  
    color:rgb(189, 27, 152)  
}
```

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(189, 27, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 27, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 75.215, 338.243 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(189, 27, 152) }
```

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

```
.border{ border-color:rgb(189, 27, 152) }
```

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

Here you see how a box with a 4 pixel rgb(189, 27, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 27, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 27, 152);  
box-shadow:4px 4px 4px 4px rgb(189, 27,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 75.215, 338.243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 27, 152) }
```

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

```
.background{ background-color: rgb(189, 27,  
152) }
```

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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