

Converting Colors

CIELCh(43, 72.623, 343.880)

Have a look what the booklet for
CIELCh(43, 72.623, 343.880)
contains.

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Color

CIELCh(43, 72.444, 344.144)

Conversions

Conversions Part 1

Format	Color
Hex	BE1388
RGB	190, 19, 136
RGB Percent	75%, 7%, 53%
CMY	0.2555, 0.9266, 0.4672
CMYK	0.00, 0.90, 0.28, 0.26
HSL	319°, 82%, 41%
HSV	319°, 90%, 74%
XYZ	25.8616, 13.1578, 24.4222
YIQ	83.4670, 64.3590, 72.6390

Conversions

Conversions Part 2

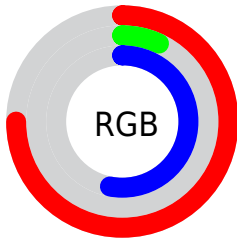
Format	Color
R_{YB}	190, 19, 136
Decimal	12456840
CIE _{Lab}	43.00, 69.69, -19.79
CIE _{LCh}	43, 72.444, 344.144
Yxy	13.1578, 0.4076, 0.2074
Android (android.graphics.Color)	4290646920 (0xFFBE1388)
YUV	83.4670, 25.8988, 93.4294
Hunter-Lab	36.2736, 63.7842, -14.5270

Details

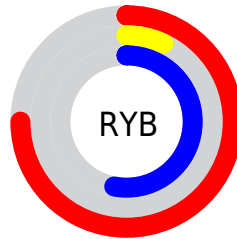
The CIELCh color **43, 72.444, 344.144** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **68, 79.110, 143.483**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 72.462, 344.195**, and **28, 55.157, 347.456** is the 20% darker color. If you saturate the color by 10%, you get **42, 73.210, 346.082**, and if you desaturate by 10%, it is **45, 69.796, 342.483**.

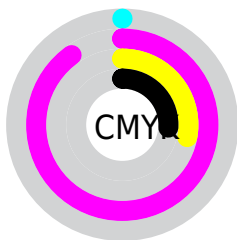
Distribution



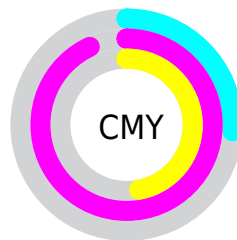
- Red (75%)
- Green (7%)
- Blue (53%)



- Red (75%)
- Yellow (7%)
- Blue (53%)



- Cyan (0%)
- Magenta (90%)
- Yellow (28%)
- Black (26%)



- Cyan (26%)
- Magenta (93%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 43, 72.444, 344.144 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, 72.444, 344.144 by changing the saturation by 10% instead.

 43, 72.444,
344.144


 43, 72.444,
344.144

 100, 72.444,
344.144

 33, 72.444,
344.144

 63, 72.444,
344.144


 23, 72.444,
344.144

 73, 72.444,
344.144

 13, 72.444,
344.144

 83, 72.444,
344.144

 3, 72.444, 344.144

 93, 72.444,
344.144

 0, 72.444, 344.144

 43, 72.444,

 43, 72.444,

344.144

344.144

■ 42, 73.210,
346.082

■ 45, 69.796,
342.483

■ 47, 64.915,
341.103

■ 50, 58.084,
339.927

■ 54, 49.763,
338.897

■ 58, 40.437,
337.970

■ 62, 30.533,
337.121

■ 67, 20.376,
336.331

■ 72, 10.199,
335.582

Harmonies

Complementary

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



43, 72.444, 344.144



68, 79.110, 143.483

Rectangle

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



43, 72.444, 344.144



43, 72.444, 34.144



43, 72.444, 164.144



43, 72.444, 214.144

Sweetspot

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



43, 72.441, 344.145



81, 33.909, 336.902



28, 98.708, 308.366



41, 23.027, 337.183



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



43, 72.441, 344.145



55, 89.028, 346.473



41, 69.427, 24.501



37, 5.665, 335.523



35, 64.106, 345.757



3, 15.873, 340.691

Inverse Universe

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



43, 72.441, 344.145



55, 89.028, 346.473



69, 47.903, 172.564



37, 5.665, 335.523



35, 64.106, 345.757



3, 15.873, 340.691

Previews

White Background



This preview shows how the CIELCh color 43, 72.444, 344.144 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, 72.444, 344.144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

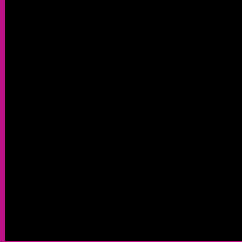
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 72.444, 344.144

Background



This preview shows how black text looks on a background with the CIELCh color 43, 72.444, 344.144.



This preview shows how white text looks on a background with the CIELCh color 43, 72.444, 344.144.

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, 72.444, 344.144

Protanopia

44, 54.644, 286.860

Deuteranopia

44, 15.625, 292.389



Tritanopia
43, 58.781, 29.101

Trichromacy



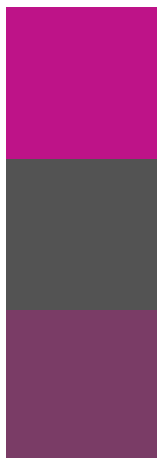
Original Color
43, 72.444, 344.144

Protanomaly
38, 61.958, 307.627

Deuteranomaly
40, 41.742, 328.238

Tritanomaly
42, 59.602, 9.917

Monochromacy



Original Color
43, 72.444, 344.144

Achromatopsia
35, 0.005, 296.813

Achromatomaly
35, 35.060, 339.123

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 72.444, 344.144 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(190, 19, 136)` looks like.

```
.text, #text, p{  
    color:rgb(190, 19, 136)  
}
```

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(190, 19, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 19, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 72.444, 344.144 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(190, 19, 136) }
```

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

```
.border{ border-color:rgb(190, 19, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 19, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 19, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 19, 136);  
box-shadow:4px 4px 4px 4px rgb(190, 19,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 72.444, 344.144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 19, 136) }
```

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

```
.background{ background-color: rgb(190, 19,  
136) }
```

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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