

Converting Colors

CIELCh(43, 76.208, 342.223)

Have a look what the booklet for
CIELCh(43, 76.208, 342.223)
contains.

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Color

CIELCh(43, 76.302, 342.142)

Conversions

Conversions Part 1

Format	Color
Hex	C0018E
RGB	192, 1, 142
RGB Percent	75%, 0%, 56%
CMY	0.2478, 0.9945, 0.4438
CMYK	0.00, 0.99, 0.26, 0.25
HSL	316°, 99%, 38%
HSV	316°, 99%, 75%
XYZ	26.5716, 13.1578, 26.6612
YIQ	74.1830, 68.5750, 84.3430

Conversions

Conversions Part 2

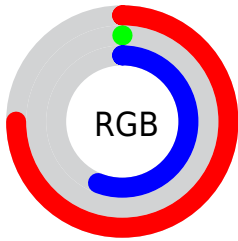
Format	Color
RYB	192, 1, 142
Decimal	12583310
CIELab	43.00, 72.63, -23.40
CIELCh	43, 76.302, 342.142
Yxy	13.1578, 0.4002, 0.1982
Android (android.graphics.Color)	4290773390 (0xFFC0018E)
YUV	74.1830, 33.4338, 103.3255
Hunter-Lab	36.2736, 67.2779, -18.1867

Details

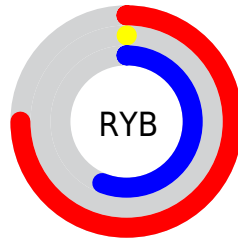
The CIELCh color **43, 76.302, 342.142** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **68, 87.530, 140.133**, and the grayscale version is **31, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 76.607, 342.202**, and **29, 56.664, 345.430** is the 20% darker color. If you saturate the color by 10%, you get **43, 76.347, 342.255**, and if you desaturate by 10%, it is **44, 75.365, 340.638**.

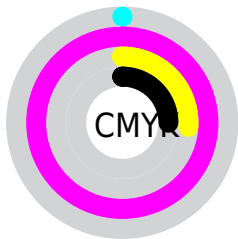
Distribution



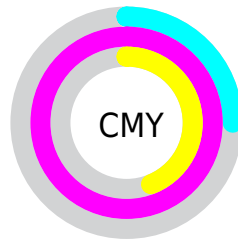
- Red (75%)
- Green (0%)
- Blue (56%)



- Red (75%)
- Yellow (0%)
- Blue (56%)



- Cyan (0%)
- Magenta (99%)
- Yellow (26%)
- Black (25%)





- Cyan (25%)
- Magenta (99%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 76.302, 342.142 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, 76.302, 342.142 by changing the saturation by 10% instead.


 43, 76.302,
342.142


 43, 76.302,
342.142


 100, 76.302,
342.142

 33, 76.302,
342.142

 63, 76.302,
342.142


 23, 76.302,
342.142

 73, 76.302,
342.142

 13, 76.302,
342.142

 83, 76.302,
342.142

 3, 76.302, 342.142

 93, 76.302,
342.142

 0, 76.302, 342.142

 43, 76.302,

 43, 76.302,

342.142

342.142

■ 43, 76.347,
342.255

■ 44, 75.365,
340.638

■ 46, 72.384,
339.351

■ 48, 67.118,
338.249

■ 51, 59.875,
337.277

■ 55, 51.124,
336.396

■ 59, 41.356,
335.580

■ 63, 31.000,
334.813

■ 68, 20.387,
334.086

Harmonies

Complementary

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



43, 76.302, 342.142



68, 87.530, 140.133

Rectangle

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



43, 76.302, 342.142



43, 76.302, 32.142



43, 76.302, 162.142



43, 76.302, 212.142

Sweetspot

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



43, 76.299, 342.142



80, 39.381, 334.904



25, 105.303, 307.701



40, 26.813, 335.227



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, 76.299, 342.142



56, 92.881, 342.549



40, 72.445, 25.264



38, 6.015, 333.392



36, 67.112, 342.019



4, 18.881, 338.026

Inverse Universe

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



43, 76.299, 342.142



56, 92.881, 342.549



69, 53.375, 166.161



38, 6.015, 333.392



36, 67.112, 342.019



4, 18.881, 338.026

Previews

White Background



This preview shows how the CIELCh color 43, 76.302, 342.142 looks on a white background.

Color Contrast Check

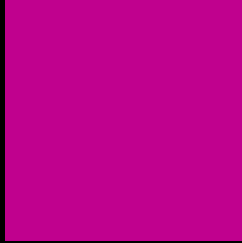
Large Text (above 18pt) WCAG AA ✓ Pass

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, 76.302, 342.142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

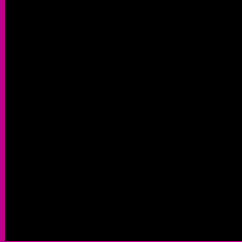
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 76.302, 342.142

Background



This preview shows how black text looks on a background with the CIELCh color 43, 76.302, 342.142.



This preview shows how white text looks on a background with the CIELCh color 43, 76.302, 342.142.

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, 76.408, 342.128

Protanopia

44, 61.069, 287.587

Deuteranopia

44, 18.597, 289.441



Tritanopia
44, 59.375, 28.727

Trichromacy



Original Color
43, 76.408, 342.128

Protanomaly
37, 70.682, 306.696

Deuteranomaly
39, 48.250, 325.783

Tritanomaly
42, 61.752, 7.666

Monochromacy



Original Color
43, 76.408, 342.128

Achromatopsia
31, 0.005, 296.813

Achromatomaly
31, 40.171, 336.953

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 76.302, 342.142 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(192, 1, 142)` looks like.

```
.text, #text, p{  
    color:rgb(192, 1, 142)  
}
```

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(192, 1, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 1, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 76.302, 342.142 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(192, 1, 142) }
```

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

```
.border{ border-color:rgb(192, 1, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 1, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 1, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 1, 142);  
box-shadow:4px 4px 4px 4px rgb(192, 1,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 76.302, 342.142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 1, 142) }
```

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

```
.background{ background-color: rgb(192, 1,  
142) }
```

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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