

Converting Colors

CIELCh(43, 76.762, 335.111)

Have a look what the booklet for
CIELCh(43, 76.762, 335.111)
contains.

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Color

CIELCh(43, 76.754, 335.277)

Conversions

Conversions Part 1

Format	Color
Hex	B7199C
RGB	183, 25, 156
RGB Percent	72%, 10%, 61%
CMY	0.2824, 0.9021, 0.3883
CMYK	0.00, 0.86, 0.15, 0.28
HSL	310°, 76%, 41%
HSV	310°, 86%, 72%
XYZ	25.8690, 13.1578, 32.6199
YIQ	87.1760, 52.1170, 74.2370

Conversions

Conversions Part 2

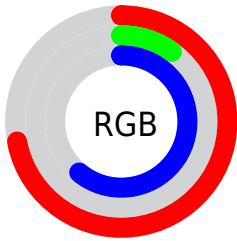
Format	Color
R_{YB}	183, 25, 156
Decimal	11999644
CIE _{Lab}	43.00, 69.72, -32.10
CIE _{LCh}	43, 76.754, 335.277
Yxy	13.1578, 0.3611, 0.1836
Android (android.graphics.Color)	4290189724 (0xFFB7199C)
YUV	87.1760, 33.9302, 84.0376
Hunter-Lab	36.2736, 63.8209, -27.9264

Details

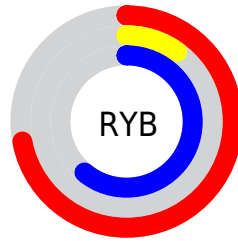
The CIELCh color **43, 76.754, 335.277** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **65, 82.563, 139.931**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 76.641, 335.383**, and **28, 60.031, 335.960** is the 20% darker color. If you saturate the color by 10%, you get **42, 78.468, 336.113**, and if you desaturate by 10%, it is **45, 72.818, 334.517**.

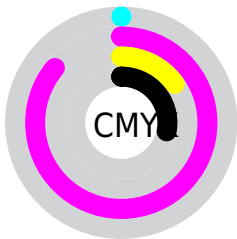
Distribution



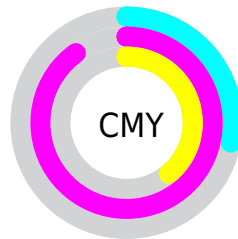
- Red (72%)
- Green (10%)
- Blue (61%)



- Red (72%)
- Yellow (10%)
- Blue (61%)



- Cyan (0%)
- Magenta (86%)
- Yellow (15%)
- Black (28%)





- Cyan (28%)
- Magenta (90%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 76.754, 335.277 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, 76.754, 335.277 by changing the saturation by 10% instead.


 43, 76.754,
335.277


 43, 76.754,
335.277


 100, 76.754,
335.277


 33, 76.754,
335.277

 63, 76.754,
335.277


 23, 76.754,
335.277

 73, 76.754,
335.277

 13, 76.754,
335.277

 83, 76.754,
335.277

 3, 76.754, 335.277

 93, 76.754,
335.277

 0, 76.754, 335.277

 43, 76.754,

 43, 76.754,

335.277

■ 42, 78.468,
336.113

■ 42, 78.842,
336.428

335.277

■ 45, 72.818,
334.517

■ 47, 66.717,
333.805

■ 50, 58.793,
333.119

■ 54, 49.508,
332.450

■ 58, 39.324,
331.791

■ 62, 28.633,
331.144

■ 67, 17.737,
330.508

■ 71, 6.851, 329.870

Harmonies

Complementary

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



43, 76.754, 335.277



65, 82.563, 139.931

Rectangle

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



43, 76.754, 335.277



43, 76.754, 25.277



43, 76.754, 155.277



43, 76.754, 205.277

Sweetspot

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



43, 76.751, 335.277



79, 34.878, 331.149



26, 94.791, 306.329



40, 23.817, 331.371



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



43, 76.751, 335.277



54, 95.550, 336.590



40, 62.830, 11.226



36, 6.139, 330.064



35, 70.043, 336.307



3, 15.826, 332.409

Inverse Universe

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



43, 76.751, 335.277



54, 95.550, 336.590



66, 53.105, 162.211



36, 6.139, 330.064



35, 70.043, 336.307



3, 15.826, 332.409

Previews

White Background



This preview shows how the CIELCh color 43, 76.754, 335.277 looks on a white background.

Color Contrast Check

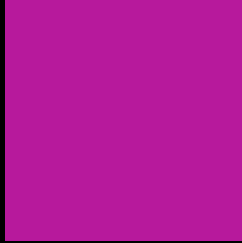
Large Text (above 18pt) WCAG AA ✓ Pass

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 43, 76.754, 335.277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

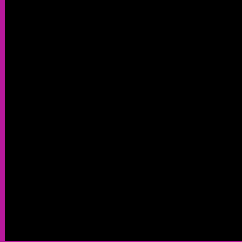
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 43, 76.754, 335.277

Background



This preview shows how black text looks on a background with the CIELCh color 43, 76.754, 335.277.



This preview shows how white text looks on a background with the CIELCh color 43, 76.754, 335.277.

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, 76.754, 335.277

Protanopia

44, 67.152, 287.361

Deuteranopia

44, 27.279, 282.913



Tritanopia
43, 50.263, 26.190

Trichromacy



Original Color
43, 76.754, 335.277



Protanomaly
37, 72.423, 299.284



Deuteranomaly
40, 48.422, 315.250



Tritanomaly
42, 54.973, 1.123

Monochromacy



Original Color
43, 76.754, 335.277



Achromatopsia
37, 0.005, 296.813



Achromatomaly
36, 36.450, 332.478

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 76.754, 335.277 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(183, 25, 156)` looks like.

```
.text, #text, p{  
    color:rgb(183, 25, 156)  
}
```

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(183, 25, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 25, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 76.754, 335.277 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(183, 25, 156) }
```

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

```
.border{ border-color:rgb(183, 25, 156) }
```

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

Here you see how a box with a 4 pixel rgb(183, 25, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 25, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 25, 156);  
box-shadow:4px 4px 4px 4px rgb(183, 25,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 76.754, 335.277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 25, 156) }
```

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

```
.background{ background-color: rgb(183, 25,  
156) }
```

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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