

Converting Colors

CIELCh(43, 90.425, 327.038)

Have a look what the booklet for
CIELCh(43, 90.425, 327.038)
contains.

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Color

CIELCh(43, 90.620, 326.939)

Conversions

Conversions Part 1

Format	Color
Hex	B303B9
RGB	179, 3, 185
RGB Percent	70%, 1%, 73%
CMY	0.2979, 0.9878, 0.2744
CMYK	0.03, 0.98, 0.00, 0.27
HSL	298°, 97%, 37%
HSV	298°, 98%, 73%
XYZ	27.3898, 13.1578, 47.0092
YIQ	76.3720, 46.4740, 93.9140

Conversions

Conversions Part 2

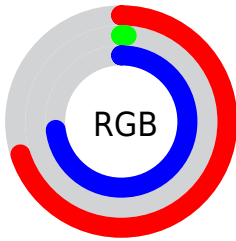
Format	Color
R_{YB}	179, 3, 185
Decimal	11731897
CIE _{Lab}	43.00, 75.95, -49.44
CIE _{LCh}	43, 90.620, 326.939
Yxy	13.1578, 0.3128, 0.1503
Android (android.graphics.Color)	4289921977 (0xFFB303B9)
YUV	76.3720, 53.5536, 90.0048
Hunter-Lab	36.2736, 71.3044, -51.4459

Details

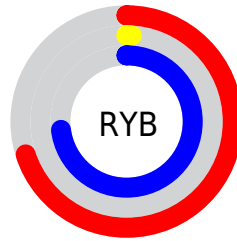
The CIELCh color **43, 90.620, 326.939** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **66, 93.552, 135.949**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 90.929, 326.991**, and **29, 70.807, 325.338** is the 20% darker color. If you saturate the color by 10%, you get **43, 90.960, 326.935**, and if you desaturate by 10%, it is **44, 88.180, 326.946**.

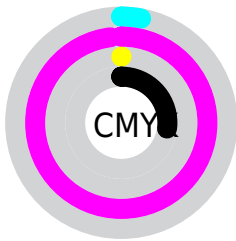
Distribution



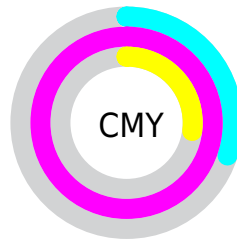
- Red (70%)
- Green (1%)
- Blue (73%)



- Red (70%)
- Yellow (1%)
- Blue (73%)



- Cyan (3%)
- Magenta (98%)
- Yellow (0%)
- Black (27%)





- Cyan (30%)
- Magenta (99%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 90.620, 326.939 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, 90.620, 326.939 by changing the saturation by 10% instead.


 43, 90.620,
326.939


 43, 90.620,
326.939


 100, 90.620,
326.939


 33, 90.620,
326.939

 63, 90.620,
326.939


 23, 90.620,
326.939

 73, 90.620,
326.939

 13, 90.620,
326.939

 83, 90.620,
326.939

 3, 90.620, 326.939

 93, 90.620,
326.939

 0, 90.620, 326.939

 43, 90.620,

 43, 90.620,

326.939

326.939

■ 43, 90.960,
326.935

■ 44, 88.180,
326.946

■ 45, 83.638,
326.852

■ 47, 76.844,
326.647

■ 50, 68.089,
326.343

■ 54, 57.816,
325.958

■ 58, 46.502,
325.510

■ 62, 34.568,
325.020

■ 66, 22.353,
324.505

■ 71, 10.104,
323.971

Harmonies

Complementary

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



43, 90.620, 326.939



66, 93.552, 135.949

Rectangle

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



43, 90.620, 326.939



43, 90.620, 16.939



43, 90.620, 146.939



43, 90.620, 196.939

Sweetspot

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



43, 90.618, 326.939



78, 43.668, 325.078



23, 102.839, 305.746



39, 29.888, 325.288



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, 90.618, 326.939



55, 110.455, 326.914



40, 66.880, 358.282



36, 6.839, 324.026



36, 80.013, 326.952



3, 18.510, 323.344

Inverse Universe

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



39, 79.847, 38.248



50, 98.482, 39.032



66, 71.633, 147.879



36, 4.004, 17.245



32, 70.622, 38.267



2, 10.649, 17.398

Previews

White Background



This preview shows how the CIELCh color 43, 90.620, 326.939 looks on a white background.

Color Contrast Check

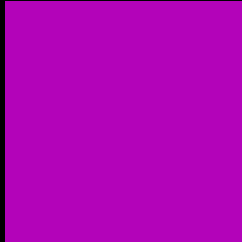
Large Text (above 18pt) WCAG AA ✓ Pass

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, 90.620, 326.939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

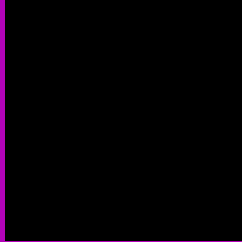
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 90.620, 326.939

Background



This preview shows how black text looks on a background with the CIELCh color 43, 90.620, 326.939.



This preview shows how white text looks on a background with the CIELCh color 43, 90.620, 326.939.

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, 90.620, 326.939

Protanopia

44, 66.530, 286.941

Deuteranopia

44, 42.823, 279.285



Tritanopia
44, 42.423, 22.546

Trichromacy



Original Color
43, 90.620, 326.939



Protanomaly
36, 82.965, 301.310



Deuteranomaly
38, 67.717, 306.609



Tritanomaly
41, 56.655, 348.744

Monochromacy



Original Color
43, 90.620, 326.939



Achromatopsia
32, 0.005, 296.813



Achromatomaly
32, 46.334, 325.877

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 90.620, 326.939 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(179, 3, 185)` looks like.

```
.text, #text, p{  
    color:rgb(179, 3, 185)  
}
```

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(179, 3, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 3, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 90.620, 326.939 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(179, 3, 185) }
```

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

```
.border{ border-color:rgb(179, 3, 185) }
```

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

Here you see how a box with a 4 pixel rgb(179, 3, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 3, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 3, 185);  
box-shadow:4px 4px 4px 4px rgb(179, 3,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 90.620, 326.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 3, 185) }
```

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

```
.background{ background-color: rgb(179, 3,  
185) }
```

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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