

Converting Colors

CIELCh(43, 91.312, 326.962)

Have a look what the booklet for
CIELCh(43, 91.312, 326.962)
contains.

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Color

CIELCh(43, 91.312, 326.962)

Conversions

Conversions Part 1

Format	Color
Hex	B400BA
RGB	180, 0, 186
RGB Percent	71%, 0%, 73%
CMY	0.2957, 1.0000, 0.2721
CMYK	0.03, 1.00, 0.00, 0.27
HSL	298°, 100%, 36%
HSV	298°, 100%, 73%
XYZ	27.5393, 13.1578, 47.3334
YIQ	75.0240, 47.5740, 96.0060

Conversions

Conversions Part 2

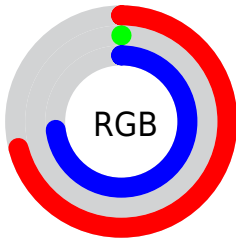
Format	Color
RYB	180, 0, 186
Decimal	11796666
CIELab	43.00, 76.55, -49.78
CIElCh	43, 91.312, 326.962
Yxy	13.1578, 0.3128, 0.1495
Android (android.graphics.Color)	4289986746 (0xFFB400BA)
YUV	75.0240, 54.7112, 92.0640
Hunter-Lab	36.2736, 72.0403, -51.9760

Details

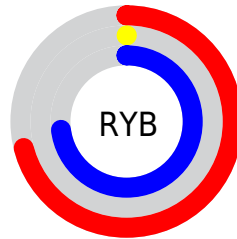
The CIELCh color **43, 91.312, 326.962** is a dark color, and the websafe version is hex **CC00CC**. A complement of this color would be **66, 94.180, 135.882**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 91.384, 327.000**, and **29, 71.194, 325.358** is the 20% darker color. If you saturate the color by 10%, you get **43, 91.176, 326.955**, and if you desaturate by 10%, it is **44, 88.935, 326.971**.

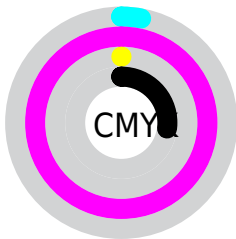
Distribution



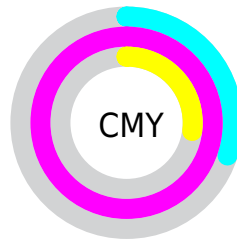
- Red (71%)
- Green (0%)
- Blue (73%)



- Red (71%)
- Yellow (0%)
- Blue (73%)



- Cyan (3%)
- Magenta (100%)
- Yellow (0%)
- Black (27%)





- Cyan (30%)
- Magenta (100%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 91.312, 326.962 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, 91.312, 326.962 by changing the saturation by 10% instead.


 43, 91.312,
326.962


 43, 91.312,
326.962


 100, 91.312,
326.962


 33, 91.312,
326.962

 63, 91.312,
326.962


 23, 91.312,
326.962

 73, 91.312,
326.962

 13, 91.312,
326.962

 83, 91.312,
326.962

 3, 91.312, 326.962

 93, 91.312,
326.962

 0, 91.312, 326.962

 43, 91.312,

 43, 91.312,

326.962

326.962

■ 43, 91.176,
326.955

■ 44, 88.935,
326.971

■ 45, 84.776,
326.894

■ 47, 78.334,
326.706

■ 50, 69.862,
326.418

■ 53, 59.787,
326.044

■ 57, 48.587,
325.605

■ 61, 36.700,
325.120

■ 66, 24.479,
324.608

■ 71, 12.188,
324.077

Harmonies

Complementary

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



43, 91.312, 326.962



66, 94.180, 135.882

Rectangle

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



43, 91.312, 326.962



43, 91.312, 16.962



43, 91.312, 146.962



43, 91.312, 196.962

Sweetspot

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



43, 91.176, 326.955



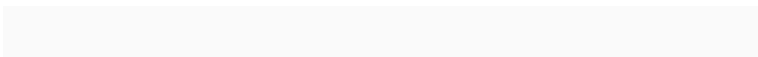
78, 45.553, 325.145



23, 103.894, 305.889



40, 31.262, 325.354



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



43, 91.176, 326.955



56, 111.339, 326.934



40, 67.227, 358.883



36, 6.841, 324.041



36, 80.010, 326.972



3, 18.515, 323.366

Inverse Universe

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



39, 80.942, 38.702



51, 99.309, 39.060



66, 72.553, 147.523



36, 4.004, 17.287



32, 70.642, 38.289



2, 10.649, 17.430

Previews

White Background



This preview shows how the CIELCh color 43, 91.312, 326.962 looks on a white background.

Color Contrast Check

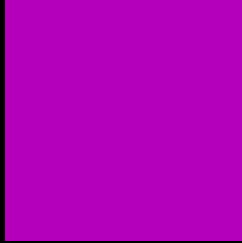
Large Text (above 18pt) WCAG AA ✓ Pass

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, 91.312, 326.962 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

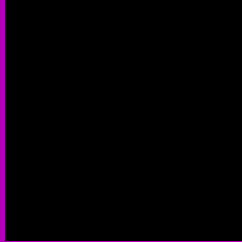
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 91.312, 326.962

Background



This preview shows how black text looks on a background with the CIELCh color 43, 91.312, 326.962.



This preview shows how white text looks on a background with the CIELCh color 43, 91.312, 326.962.

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, 91.312, 326.962

Protanopia

44, 67.081, 287.154

Deuteranopia

44, 42.266, 278.544



Tritanopia
44, 42.423, 22.546

Trichromacy



Original Color
43, 91.312, 326.962



Protanomaly
36, 83.577, 301.529



Deuteranomaly
38, 67.717, 306.609



Tritanomaly
41, 57.640, 348.842

Monochromacy



Original Color
43, 91.312, 326.962



Achromatopsia
32, 0.005, 296.813



Achromatomaly
31, 46.456, 326.351

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 91.312, 326.962 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(180, 0, 186)` looks like.

```
.text, #text, p{  
    color:rgb(180, 0, 186)  
}
```

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(180, 0, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 0, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 91.312, 326.962 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(180, 0, 186) }
```

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

```
.border{ border-color:rgb(180, 0, 186) }
```

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

Here you see how a box with a 4 pixel rgb(180, 0, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 0, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 0, 186);  
box-shadow:4px 4px 4px 4px rgb(180, 0,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 91.312, 326.962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 0, 186) }
```

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

```
.background{ background-color: rgb(180, 0,  
186) }
```

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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