

Converting Colors

CIELCh(44, 93.298, 326.458)

Have a look what the booklet for
CIELCh(44, 93.298, 326.458)
contains.

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Color

CIELCh(44, 93.083, 326.578)

Conversions

Conversions Part 1

Format	Color
Hex	B701BF
RGB	183, 1, 191
RGB Percent	72%, 0%, 75%
CMY	0.2825, 0.9967, 0.2512
CMYK	0.04, 1.00, 0.00, 0.25
HSL	297°, 99%, 38%
HSV	297°, 100%, 75%
XYZ	28.9236, 13.8382, 50.4077
YIQ	77.0780, 47.4820, 97.6740

Conversions

Conversions Part 2

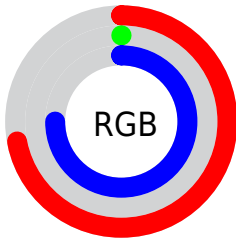
Format	Color
RYB	183, 1, 191
Decimal	11993535
CIELab	44.00, 77.69, -51.27
CIElCh	44, 93.083, 326.578
Yxy	13.8382, 0.3104, 0.1485
Android (android.graphics.Color)	4290183615 (0xFFB701BF)
YUV	77.0780, 56.1635, 92.8936
Hunter-Lab	37.1997, 73.6880, -54.3014

Details

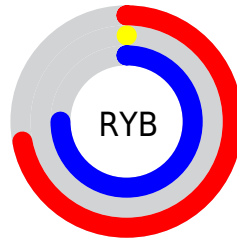
The CIELCh color **44, 93.083, 326.578** is a dark color, and the websafe version is hex **CC00CC**. A complement of this color would be **68, 96.036, 135.866**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 93.106, 326.631**, and **30, 73.211, 324.906** is the 20% darker color. If you saturate the color by 10%, you get **44, 93.171, 326.576**, and if you desaturate by 10%, it is **45, 90.770, 326.622**.

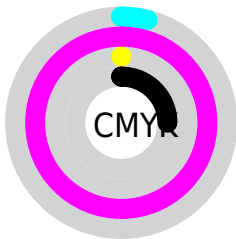
Distribution



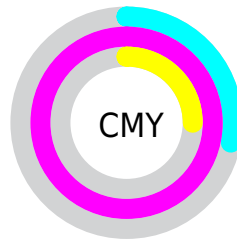
- Red (72%)
- Green (0%)
- Blue (75%)



- Red (72%)
- Yellow (0%)
- Blue (75%)



- Cyan (4%)
- Magenta (100%)
- Yellow (0%)
- Black (25%)




- Cyan (28%)
- Magenta (100%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 93.083, 326.578 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 44, 93.083, 326.578 by changing the saturation by 10% instead.


 44, 93.083,
326.578


 44, 93.083,
326.578


 100, 93.083,
326.578

 34, 93.083,
326.578

 64, 93.083,
326.578


 24, 93.083,
326.578

 74, 93.083,
326.578

 14, 93.083,
326.578

 84, 93.083,
326.578

 4, 93.083, 326.578

 94, 93.083,
326.578

 0, 93.083, 326.578

 44, 93.083,

 44, 93.083,

326.578

■ 44, 93.171,
326.576

326.578

■ 45, 90.770,
326.622

■ 46, 86.410,
326.564

■ 48, 79.712,
326.388

■ 51, 70.950,
326.107

■ 55, 60.576,
325.739

■ 59, 49.082,
325.303

■ 63, 36.913,
324.823

■ 68, 24.426,
324.314

■ 73, 11.883,
323.788

Harmonies

Complementary

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



44, 93.083, 326.578



68, 96.036, 135.866

Rectangle

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



44, 93.083, 326.578



44, 93.083, 16.578



44, 93.083, 146.578



44, 93.083, 196.578

Sweetspot

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



44, 93.081, 326.578



80, 46.213, 324.868



24, 105.224, 305.676



40, 31.718, 325.077



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



44, 93.081, 326.578



57, 113.175, 326.550



41, 68.923, 357.281



37, 6.977, 323.776



36, 81.018, 326.599



3, 21.014, 323.617

Inverse Universe

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



40, 82.103, 38.282



52, 100.566, 38.820



68, 75.182, 146.804



37, 4.098, 16.510



32, 71.186, 37.952



3, 12.269, 16.979

Previews

White Background



This preview shows how the CIELCh color 44, 93.083, 326.578 looks on a white background.

Color Contrast Check

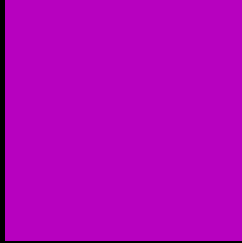
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 93.083, 326.578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

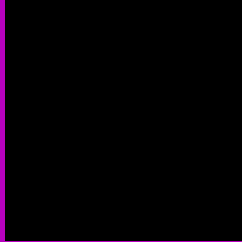
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 93.083, 326.578

Background



This preview shows how black text looks on a background with the CIELCh color 44, 93.083, 326.578.



This preview shows how white text looks on a background with the CIELCh color 44, 93.083, 326.578.

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

44, 93.083, 326.578

Protanopia

45, 68.040, 287.161

Deuteranopia

45, 44.464, 279.127



Tritanopia
44, 42.715, 22.506

Trichromacy



Original Color
44, 93.083, 326.578



Protanomaly
37, 85.604, 301.717



Deuteranomaly
38, 70.377, 306.361



Tritanomaly
42, 58.191, 348.500

Monochromacy



Original Color
44, 93.083, 326.578



Achromatopsia
33, 0.005, 296.813



Achromatomaly
32, 47.582, 326.391

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 93.083, 326.578 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, 1, 191)` looks like.

```
.text, #text, p{  
    color:rgb(183, 1, 191)  
}
```

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, 1, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 1, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 93.083, 326.578 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, 1, 191) }
```

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

```
.border{ border-color:rgb(183, 1, 191) }
```

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

Here you see how a box with a 4 pixel rgb(183, 1, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 1, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 1, 191);  
box-shadow:4px 4px 4px 4px rgb(183, 1,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 93.083, 326.578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 1, 191) }
```

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

```
.background{ background-color: rgb(183, 1,  
191) }
```

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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