

Converting Colors

CIELCh(44, 94.462, 325.648)

Have a look what the booklet for
CIELCh(44, 94.462, 325.648)
contains.

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Color

CIELCh(44, 94.302, 325.798)

Conversions

Conversions Part 1

Format	Color
Hex	B601C2
RGB	182, 1, 194
RGB Percent	71%, 0%, 76%
CMY	0.2867, 0.9973, 0.2396
CMYK	0.06, 1.00, 0.00, 0.24
HSL	296°, 99%, 38%
HSV	296°, 100%, 76%
XYZ	29.0018, 13.8382, 52.1257
YIQ	77.1210, 45.9230, 98.3950

Conversions

Conversions Part 2

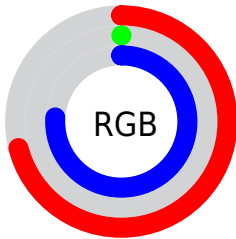
Format	Color
RYB	182, 1, 194
Decimal	11928002
CIELab	44.00, 77.99, -53.01
CIElCh	44, 94.302, 325.798
Yxy	13.8382, 0.3054, 0.1457
Android (android.graphics.Color)	4290118082 (0xFFB601C2)
YUV	77.1210, 57.6213, 91.9789
Hunter-Lab	37.1997, 74.0635, -57.0396

Details

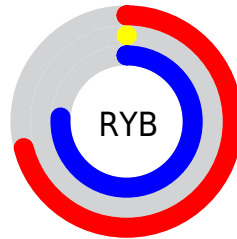
The CIELCh color **44, 94.302, 325.798** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed purple. A complement of this color would be **68, 97.059, 135.784**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 94.249, 325.883**, and **30, 74.123, 324.150** is the 20% darker color. If you saturate the color by 10%, you get **44, 94.375, 325.794**, and if you desaturate by 10%, it is **45, 91.936, 325.901**.

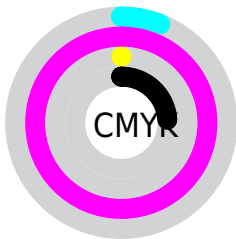
Distribution



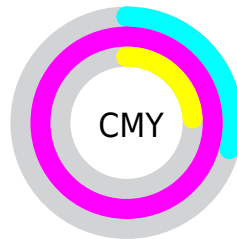
- Red (71%)
- Green (0%)
- Blue (76%)



- Red (71%)
- Yellow (0%)
- Blue (76%)



- Cyan (6%)
- Magenta (100%)
- Yellow (0%)
- Black (24%)



- Cyan (29%)
- Magenta (100%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 94.302, 325.798 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, 94.302, 325.798 by changing the saturation by 10% instead.


 44, 94.302,
325.798


 44, 94.302,
325.798


 100, 94.302,
325.798

 34, 94.302,
325.798

 64, 94.302,
325.798


 24, 94.302,
325.798

 74, 94.302,
325.798

 14, 94.302,
325.798


 84, 94.302,
325.798

 4, 94.302, 325.798

 94, 94.302,
325.798

 0, 94.302, 325.798

 44, 94.302,

 44, 94.302,

325.798

■ 44, 94.375,
325.794

325.798

■ 45, 91.936,
325.901

■ 46, 87.480,
325.888

■ 49, 80.646,
325.746

■ 52, 71.731,
325.488

■ 55, 61.206,
325.136

■ 59, 49.576,
324.715

■ 64, 37.287,
324.246

■ 69, 24.697,
323.748

■ 74, 12.065,
323.233

Harmonies

Complementary

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



44, 94.302, 325.798



68, 97.059, 135.784

Rectangle

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



44, 94.302, 325.798



44, 94.302, 15.798



44, 94.302, 145.798



44, 94.302, 195.798

Sweetspot

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



44, 94.300, 325.798



81, 46.742, 324.286



24, 105.728, 305.487



41, 32.090, 324.491



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



44, 94.300, 325.798



57, 115.101, 325.756



42, 70.106, 355.842



38, 7.088, 323.219



36, 82.088, 325.827



4, 23.448, 323.652

Inverse Universe

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



40, 82.346, 37.596



53, 101.347, 38.230



69, 77.336, 146.029



38, 4.196, 14.893



33, 71.318, 37.162



3, 14.035, 16.012

Previews

White Background



This preview shows how the CIELCh color 44, 94.302, 325.798 looks on a white background.

Color Contrast Check

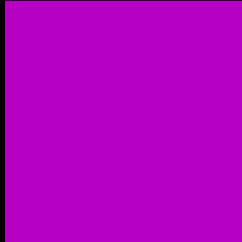
Large Text (above 18pt) WCAG AA ✓ Pass

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, 94.302, 325.798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

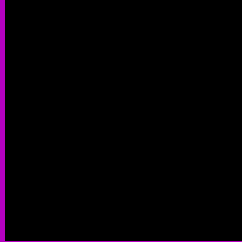
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 44, 94.302, 325.798

Background



This preview shows how black text looks on a background with the CIELCh color 44, 94.302, 325.798.



This preview shows how white text looks on a background with the CIELCh color 44, 94.302, 325.798.

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, 94.302, 325.798

Protanopia

45, 68.040, 287.161

Deuteranopia

45, 45.769, 278.688



Tritanopia
45, 41.778, 22.211

Trichromacy



Original Color
44, 94.302, 325.798



Protanomaly
37, 86.172, 301.647



Deuteranomaly
38, 71.535, 305.454



Tritanomaly
42, 58.069, 347.250

Monochromacy



Original Color
44, 94.302, 325.798



Achromatopsia
33, 0.005, 296.813



Achromatomaly
32, 48.424, 325.141

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 94.302, 325.798 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(182, 1, 194)` looks like.

```
.text, #text, p{  
    color:rgb(182, 1, 194)  
}
```

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(182, 1, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 1, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 94.302, 325.798 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(182, 1, 194) }
```

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

```
.border{ border-color:rgb(182, 1, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 1, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 1, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 1, 194);  
box-shadow:4px 4px 4px 4px rgb(182, 1,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 94.302, 325.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 1, 194) }
```

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

```
.background{ background-color: rgb(182, 1,  
194) }
```

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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