

Converting Colors

CIELCh(44, 95.873, 324.637)

Have a look what the booklet for
CIELCh(44, 95.873, 324.637)
contains.

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Color

CIELCh(44, 95.772, 324.661)

Conversions

Conversions Part 1

Format	Color
Hex	B403C6
RGB	180, 3, 198
RGB Percent	71%, 1%, 78%
CMY	0.2942, 0.9886, 0.2236
CMYK	0.09, 0.99, 0.00, 0.22
HSL	294°, 97%, 39%
HSV	294°, 99%, 78%
XYZ	29.0360, 13.8382, 54.5485
YIQ	78.1530, 42.8970, 98.1690

Conversions

Conversions Part 2

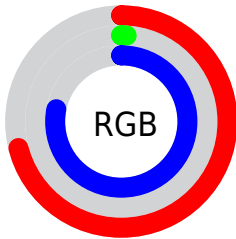
Format	Color
RYB	180, 3, 198
Decimal	11797446
CIELab	44.00, 78.13, -55.40
CIElCh	44, 95.772, 324.661
Yxy	13.8382, 0.2980, 0.1420
Android (android.graphics.Color)	4289987526 (0xFFB403C6)
YUV	78.1530, 59.0846, 89.3198
Hunter-Lab	37.1997, 74.2272, -60.9012

Details

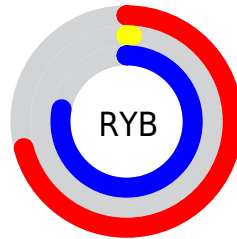
The CIELCh color **44, 95.772, 324.661** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as dark washed purple. A complement of this color would be **70, 98.089, 135.654**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 95.341, 324.772**, and **30, 75.986, 322.720** is the 20% darker color. If you saturate the color by 10%, you get **44, 96.090, 324.631**, and if you desaturate by 10%, it is **45, 93.151, 324.839**.

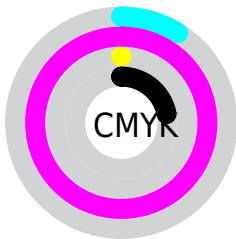
Distribution



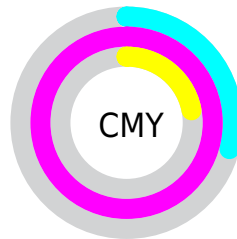
- Red (71%)
- Green (1%)
- Blue (78%)



- Red (71%)
- Yellow (1%)
- Blue (78%)



- Cyan (9%)
- Magenta (99%)
- Yellow (0%)
- Black (22%)




- Cyan (29%)
- Magenta (99%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 95.772, 324.661 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, 95.772, 324.661 by changing the saturation by 10% instead.


 44, 95.772,
324.661


 44, 95.772,
324.661


 100, 95.772,
324.661


 34, 95.772,
324.661

 64, 95.772,
324.661


 24, 95.772,
324.661

 74, 95.772,
324.661

 14, 95.772,
324.661

 84, 95.772,
324.661

 4, 95.772, 324.661

 94, 95.772,
324.661

 0, 95.772, 324.661

 44, 95.772,

 44, 95.772,

324.661

324.661

■ 44, 96.090,
324.631

■ 45, 93.151,
324.839

■ 47, 88.233,
324.873

■ 49, 80.910,
324.759

■ 53, 71.543,
324.519

■ 56, 60.641,
324.179

■ 61, 48.719,
323.768

■ 65, 36.219,
323.310

■ 70, 23.480,
322.825

■ 75, 10.744,
322.324

Harmonies

Complementary

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



44, 95.772, 324.661



70, 98.089, 135.654

Rectangle

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



44, 95.772, 324.661



44, 95.772, 14.661



44, 95.772, 144.661



44, 95.772, 194.661

Sweetspot

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



44, 95.770, 324.661



81, 46.766, 323.400



26, 104.743, 304.833



41, 31.861, 323.598



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, 95.770, 324.661



56, 116.281, 324.579



43, 72.067, 352.632



39, 7.176, 322.368



36, 83.250, 324.680



4, 25.690, 323.231

Inverse Universe

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



41, 81.696, 35.932



53, 100.627, 37.062



70, 80.464, 144.839



39, 4.303, 12.472



34, 70.988, 35.810



3, 15.958, 14.629

Previews

White Background



This preview shows how the CIELCh color 44, 95.772, 324.661 looks on a white background.

Color Contrast Check

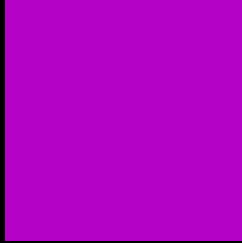
Large Text (above 18pt) WCAG AA ✓ Pass

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, 95.772, 324.661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

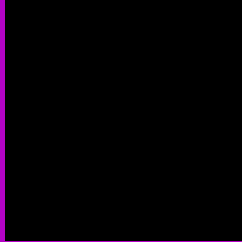
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 95.772, 324.661

Background



This preview shows how black text looks on a background with the CIELCh color 44, 95.772, 324.661.



This preview shows how white text looks on a background with the CIELCh color 44, 95.772, 324.661.

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, 95.772, 324.661

Protanopia

45, 68.040, 287.161

Deuteranopia

45, 48.291, 278.331



Tritanopia
44, 39.464, 21.500

Trichromacy



Original Color
44, 95.772, 324.661



Protanomaly
37, 86.134, 301.372



Deuteranomaly
38, 73.296, 303.452



Tritanomaly
42, 57.434, 344.928

Monochromacy



Original Color
44, 95.772, 324.661



Achromatopsia
33, 0.005, 296.813



Achromatomaly
33, 48.200, 324.243

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 95.772, 324.661 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, 3, 198)` looks like.

```
.text, #text, p{  
    color:rgb(180, 3, 198)  
}
```

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, 3, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 3, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 95.772, 324.661 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, 3, 198) }
```

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

```
.border{ border-color:rgb(180, 3, 198) }
```

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

Here you see how a box with a 4 pixel rgb(180, 3, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 3, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 3, 198);  
box-shadow:4px 4px 4px 4px rgb(180, 3,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 95.772, 324.661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 3, 198) }
```

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

```
.background{ background-color: rgb(180, 3,  
198) }
```

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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