

Converting Colors

CIELCh(44, 98.704, 323.033)

Have a look what the booklet for
CIELCh(44, 98.704, 323.033)
contains.

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Color

CIELCh(44, 98.774, 322.926)

Conversions

Conversions Part 1

Format	Color
Hex	B103CD
RGB	177, 3, 205
RGB Percent	69%, 1%, 80%
CMY	0.3056, 0.9872, 0.1958
CMYK	0.14, 0.98, 0.00, 0.20
HSL	292°, 97%, 41%
HSV	292°, 98%, 80%
XYZ	29.2128, 13.8382, 58.9363
YIQ	78.0540, 38.8620, 99.7100

Conversions

Conversions Part 2

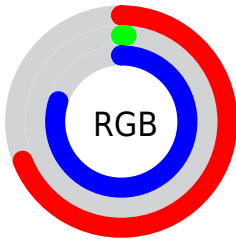
Format	Color
RYB	177, 3, 205
Decimal	11600845
CIELab	44.00, 78.81, -59.55
CIELCh	44, 98.774, 322.926
Yxy	13.8382, 0.2864, 0.1357
Android (android.graphics.Color)	4289790925 (0xFFB103CD)
YUV	78.0540, 62.5844, 86.7756
Hunter-Lab	37.1997, 75.0756, -67.8946

Details

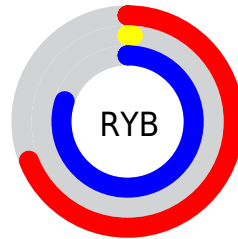
The CIELCh color **44, 98.774, 322.926** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **72, 100.237, 135.317**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 95.648, 324.227**, and **30, 79.312, 320.588** is the 20% darker color. If you saturate the color by 10%, you get **44, 99.143, 322.874**, and if you desaturate by 10%, it is **45, 95.935, 323.221**.

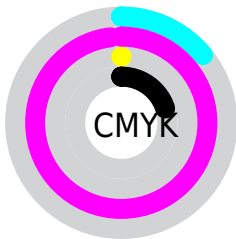
Distribution



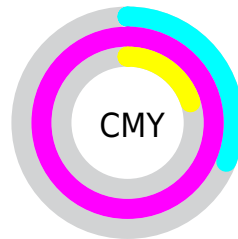
- Red (69%)
- Green (1%)
- Blue (80%)



- Red (69%)
- Yellow (1%)
- Blue (80%)



- Cyan (14%)
- Magenta (98%)
- Yellow (0%)
- Black (20%)



- Cyan (31%)
- Magenta (99%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 98.774, 322.926 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, 98.774, 322.926 by changing the saturation by 10% instead.

 44, 98.774,
322.926

 44, 98.774,
322.926

 100, 98.774,
322.926

 34, 98.774,
322.926

 64, 98.774,
322.926

 24, 98.774,
322.926

 74, 98.774,
322.926

 14, 98.774,
322.926

 84, 98.774,
322.926

 4, 98.774, 322.926

 94, 98.774,
322.926

 0, 98.774, 322.926

 44, 98.774,

 44, 98.774,

322.926

322.926

■ 44, 99.143,
322.874

■ 45, 95.935,
323.221

■ 47, 90.653,
323.338

■ 50, 82.890,
323.278

■ 54, 73.074,
323.073

■ 58, 61.758,
322.758

■ 62, 49.479,
322.365

■ 67, 36.681,
321.925

■ 73, 23.694,
321.459

■ 78, 10.747,
320.979

Harmonies

Complementary

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



44, 98.774, 322.926



72, 100.237, 135.317

Rectangle

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



44, 98.774, 322.926



44, 98.774, 12.926



44, 98.774, 142.926



44, 98.774, 192.926

Sweetspot

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



44, 98.772, 322.926



81, 46.236, 322.015



28, 103.512, 303.737



41, 31.521, 322.204



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, 98.772, 322.926



54, 116.862, 322.809



45, 75.851, 348.549



40, 7.228, 321.028



35, 84.611, 322.951



4, 27.620, 322.016

Inverse Universe

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



43, 81.497, 33.344



53, 97.849, 34.670



72, 86.195, 142.930



40, 4.435, 8.790



34, 69.784, 33.225



4, 18.066, 12.603

Previews

White Background



This preview shows how the CIELCh color 44, 98.774, 322.926 looks on a white background.

Color Contrast Check

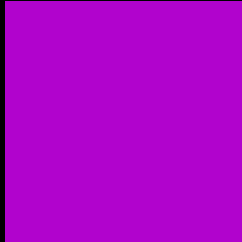
Large Text (above 18pt) WCAG AA ✓ Pass

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 44, 98.774, 322.926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

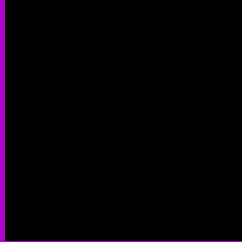
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 98.774, 322.926

Background



This preview shows how black text looks on a background with the CIELCh color 44, 98.774, 322.926.



This preview shows how white text looks on a background with the CIELCh color 44, 98.774, 322.926.

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, 98.774, 322.926

Protanopia

45, 68.040, 287.161

Deuteranopia

45, 50.972, 276.979



Tritanopia
44, 36.604, 19.738

Trichromacy



Original Color
44, 98.774, 322.926



Protanomaly
37, 87.772, 301.391



Deuteranomaly
37, 76.567, 299.707



Tritanomaly
42, 57.424, 341.679

Monochromacy



Original Color
44, 98.774, 322.926



Achromatopsia
33, 0.005, 296.813



Achromatomaly
33, 49.084, 323.075

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 98.774, 322.926 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(177, 3, 205)` looks like.

```
.text, #text, p{  
    color:rgb(177, 3, 205)  
}
```

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(177, 3, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 3, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 98.774, 322.926 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(177, 3, 205) }
```

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

```
.border{ border-color:rgb(177, 3, 205) }
```

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

Here you see how a box with a 4 pixel rgb(177, 3, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 3, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 3, 205);  
box-shadow:4px 4px 4px 4px rgb(177, 3,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 98.774, 322.926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 3, 205) }
```

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

```
.background{ background-color: rgb(177, 3,  
205) }
```

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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