

Converting Colors

CIELCh(44, 88.621, 329.760)

Have a look what the booklet for
CIELCh(44, 88.621, 329.760)
contains.

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Color

CIELCh(44, 88.680, 329.774)

Conversions

Conversions Part 1

Format	Color
Hex	BB01B4
RGB	187, 1, 180
RGB Percent	73%, 0%, 71%
CMY	0.2678, 0.9956, 0.2951
CMYK	0.00, 0.99, 0.04, 0.27
HSL	302°, 99%, 37%
HSV	302°, 99%, 73%
XYZ	28.6492, 13.8382, 44.2033
YIQ	77.0200, 53.3970, 95.1010

Conversions

Conversions Part 2

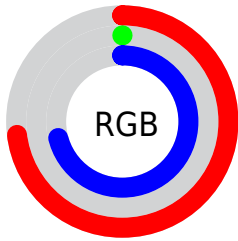
Format	Color
RYB	187, 1, 180
Decimal	12255668
CIELab	44.00, 76.62, -44.64
CIElCh	44, 88.680, 329.774
Yxy	13.8382, 0.3305, 0.1596
Android (android.graphics.Color)	4290445748 (0xFFBB01B4)
YUV	77.0200, 50.7691, 96.4525
Hunter-Lab	37.1997, 72.3714, -44.4127

Details

The CIELCh color $44, 88.680, 329.774$ is a dark color, and the websafe version is hex `CC33CC`. A complement of this color would be $66, 93.941, 136.338$, and the grayscale version is $33, 0.005, 296.813$.

A 20% lighter version of the original color is $64, 88.740, 329.884$, and $30, 68.495, 329.149$ is the 20% darker color. If you saturate the color by 10%, you get $44, 88.780, 329.786$, and if you desaturate by 10%, it is $45, 86.699, 329.561$.

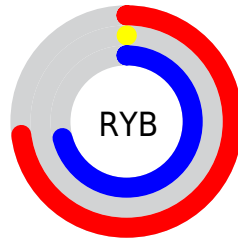
Distribution



Red (73%)

Green (0%)

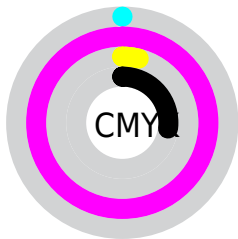
Blue (71%)



Red (73%)

Yellow (0%)

Blue (71%)

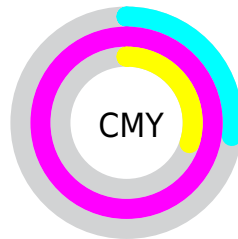


Cyan (0%)

Magenta (99%)

Yellow (4%)

Black (27%)



Cyan (27%)

Magenta (100%)

Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 88.680, 329.774 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, 88.680, 329.774 by changing the saturation by 10% instead.

 44, 88.680,
329.774

 44, 88.680,
329.774

 100, 88.680,
329.774

 34, 88.680,
329.774

 64, 88.680,
329.774

 24, 88.680,
329.774

 74, 88.680,
329.774

 14, 88.680,
329.774

 84, 88.680,
329.774

 4, 88.680, 329.774

 94, 88.680,
329.774

 0, 88.680, 329.774

 44, 88.680,

 44, 88.680,

329.774

■ 44, 88.780,
329.786

329.774

■ 45, 86.699,
329.561

■ 46, 82.733,
329.295

■ 48, 76.487,
328.963

■ 51, 68.206,
328.565

■ 54, 58.312,
328.110

■ 58, 47.282,
327.609

■ 62, 35.553,
327.076

■ 67, 23.481,
326.523

■ 71, 11.333,
325.957

Harmonies

Complementary

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



44, 88.680, 329.774



66, 93.941, 136.338

Rectangle

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



44, 88.680, 329.774



44, 88.680, 19.774



44, 88.680, 149.774



44, 88.680, 199.774

Sweetspot

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



44, 88.678, 329.774



78, 44.800, 327.135



22, 105.404, 306.331



40, 30.732, 327.363



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



44, 88.678, 329.774



57, 107.882, 329.813



40, 66.718, 4.983



37, 6.890, 325.955



37, 78.529, 329.766



3, 20.714, 326.777

Inverse Universe

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



44, 88.678, 329.774



57, 107.882, 329.813



67, 67.804, 150.991



37, 6.890, 325.955



37, 78.529, 329.766



3, 20.714, 326.777

Previews

White Background



This preview shows how the CIELCh color 44, 88.680, 329.774 looks on a white background.

Color Contrast Check

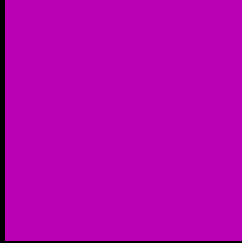
Large Text (above 18pt) WCAG AA ✓ Pass

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, 88.680, 329.774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

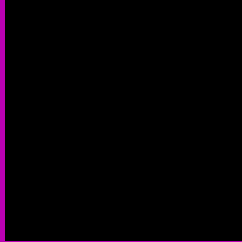
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 88.680, 329.774

Background



This preview shows how black text looks on a background with the CIELCh color 44, 88.680, 329.774.



This preview shows how white text looks on a background with the CIELCh color 44, 88.680, 329.774.

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, 88.785, 329.777

Protanopia

45, 68.590, 287.367

Deuteranopia

45, 38.281, 280.107



Tritanopia
45, 47.475, 24.555

Trichromacy



Original Color
44, 88.785, 329.777



Protanomaly
37, 83.417, 301.687



Deuteranomaly
39, 64.333, 309.759



Tritanomaly
43, 58.641, 353.573

Monochromacy



Original Color
44, 88.785, 329.777



Achromatopsia
33, 0.005, 296.813



Achromatomaly
32, 45.863, 328.612

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 88.680, 329.774 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(187, 1, 180)` looks like.

```
.text, #text, p{  
    color:rgb(187, 1, 180)  
}
```

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(187, 1, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 1, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 88.680, 329.774 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(187, 1, 180) }
```

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

```
.border{ border-color:rgb(187, 1, 180) }
```

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

Here you see how a box with a 4 pixel rgb(187, 1, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 1, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 1, 180);  
box-shadow:4px 4px 4px 4px rgb(187, 1,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 88.680, 329.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 1, 180) }
```

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

```
.background{ background-color: rgb(187, 1,  
180) }
```

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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