

Converting Colors

CIELCh(44, 90.836, 328.668)

Have a look what the booklet for
CIELCh(44, 90.836, 328.668)
contains.

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Color

CIELCh(44, 90.410, 328.664)

Conversions

Conversions Part 1

Format	Color
Hex	BA00B8
RGB	186, 0, 184
RGB Percent	73%, 0%, 72%
CMY	0.2716, 1.0000, 0.2794
CMYK	0.00, 1.00, 0.01, 0.27
HSL	301°, 100%, 36%
HSV	301°, 100%, 73%
XYZ	28.8029, 13.8382, 46.3649
YIQ	76.5900, 51.7920, 96.6560

Conversions

Conversions Part 2

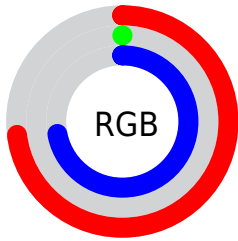
Format	Color
RYB	186, 0, 184
Decimal	12189880
CIELab	44.00, 77.22, -47.02
CIELCh	44, 90.410, 328.664
Yxy	13.8382, 0.3236, 0.1555
Android (android.graphics.Color)	4290379960 (0xFFBA00B8)
YUV	76.5900, 52.9531, 95.9526
Hunter-Lab	37.1997, 73.1090, -47.8580

Details

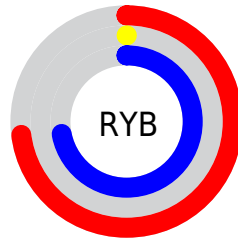
The CIELCh color **44, 90.410, 328.664** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **66, 94.199, 136.102**, and the grayscale version is **32, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 90.564, 328.613**, and **30, 70.149, 327.642** is the 20% darker color. If you saturate the color by 10%, you get **44, 90.320, 328.661**, and if you desaturate by 10%, it is **45, 88.233, 328.545**.

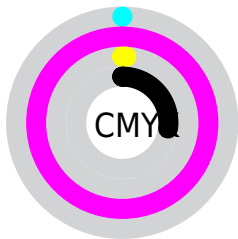
Distribution



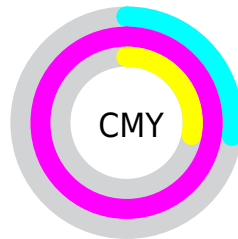
- Red (73%)
- Green (0%)
- Blue (72%)



- Red (73%)
- Yellow (0%)
- Blue (72%)



- Cyan (0%)
- Magenta (100%)
- Yellow (1%)
- Black (27%)



- Cyan (27%)
- Magenta (100%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 90.410, 328.664 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, 90.410, 328.664 by changing the saturation by 10% instead.


 44, 90.410,
328.664

 44, 90.410,
328.664


 100, 90.410,
328.664

 34, 90.410,
328.664

 64, 90.410,
328.664

 24, 90.410,
328.664

 74, 90.410,
328.664

 14, 90.410,
328.664

 84, 90.410,
328.664

 4, 90.410, 328.664

 94, 90.410,
328.664

 0, 90.410, 328.664

 44, 90.410,

 44, 90.410,

328.664

328.664

■ 44, 90.320,
328.661

■ 45, 88.233,
328.545

■ 46, 84.255,
328.362

■ 48, 78.004,
328.096

■ 50, 69.699,
327.748

■ 54, 59.750,
327.331

■ 57, 48.627,
326.858

■ 62, 36.771,
326.345

■ 66, 24.547,
325.806

■ 71, 12.228,
325.251

Harmonies

Complementary

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



44, 90.410, 328.664



66, 94.199, 136.102

Rectangle

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



44, 90.410, 328.664



44, 90.410, 18.664



44, 90.410, 148.664



44, 90.410, 198.664

Sweetspot

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



44, 90.320, 328.661



78, 45.617, 326.371



22, 105.460, 306.287



40, 31.291, 326.592



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, 90.320, 328.661



57, 110.223, 328.668



40, 66.788, 2.017



36, 6.860, 325.213



37, 79.233, 328.655



3, 18.622, 325.139

Inverse Universe

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



44, 90.320, 328.661



57, 110.223, 328.668



66, 70.192, 149.135



36, 6.860, 325.213



37, 79.233, 328.655



3, 18.622, 325.139

Previews

White Background



This preview shows how the CIELCh color 44, 90.410, 328.664 looks on a white background.

Color Contrast Check

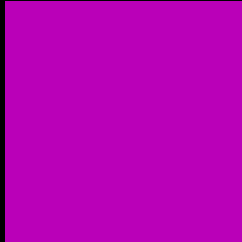
Large Text (above 18pt) WCAG AA ✓ Pass

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, 90.410, 328.664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

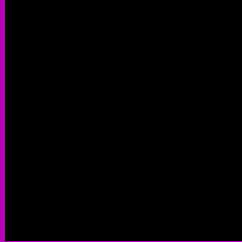
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 90.410, 328.664

Background



This preview shows how black text looks on a background with the CIELCh color 44, 90.410, 328.664.



This preview shows how white text looks on a background with the CIELCh color 44, 90.410, 328.664.

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, 90.410, 328.664

Protanopia

45, 67.970, 286.957

Deuteranopia

45, 40.124, 279.552



Tritanopia
44, 45.950, 23.485

Trichromacy



Original Color
44, 90.410, 328.664



Protanomaly
37, 83.888, 301.543



Deuteranomaly
39, 66.494, 308.883



Tritanomaly
42, 58.732, 351.334

Monochromacy



Original Color
44, 90.410, 328.664



Achromatopsia
32, 0.005, 296.813



Achromatomaly
32, 46.781, 327.720

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 90.410, 328.664 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(186, 0, 184)` looks like.

```
.text, #text, p{  
    color:rgb(186, 0, 184)  
}
```

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(186, 0, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 0, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 90.410, 328.664 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(186, 0, 184) }
```

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

```
.border{ border-color:rgb(186, 0, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 0, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 0, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 0, 184);  
box-shadow:4px 4px 4px 4px rgb(186, 0,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 90.410, 328.664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 0, 184) }
```

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

```
.background{ background-color: rgb(186, 0,  
184) }
```

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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