

Converting Colors

CIELCh(44, 90.463, 328.018)

Have a look what the booklet for
CIELCh(44, 90.463, 328.018)
contains.

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Color

CIELCh(44, 90.404, 328.002)

Conversions

Conversions Part 1

Format	Color
Hex	B805B9
RGB	184, 5, 185
RGB Percent	72%, 2%, 73%
CMY	0.2774, 0.9811, 0.2736
CMYK	0.01, 0.97, 0.00, 0.27
HSL	300°, 95%, 37%
HSV	300°, 97%, 73%
XYZ	28.6607, 13.8382, 47.1887
YIQ	79.0410, 48.9040, 93.9280

Conversions

Conversions Part 2

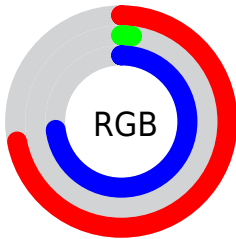
Format	Color
RYB	184, 5, 185
Decimal	12060089
CIELab	44.00, 76.67, -47.90
CIElCh	44, 90.404, 328.002
Yxy	13.8382, 0.3196, 0.1543
Android (android.graphics.Color)	4290250169 (0xFFB805B9)
YUV	79.0410, 52.2378, 92.0490
Hunter-Lab	37.1997, 72.4268, -49.1709

Details

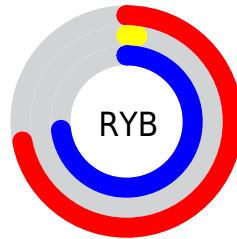
The CIELCh color **44, 90.404, 328.002** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **66, 93.555, 136.097**, and the grayscale version is **33, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 90.381, 327.987**, and **30, 70.622, 326.774** is the 20% darker color. If you saturate the color by 10%, you get **44, 90.913, 328.017**, and if you desaturate by 10%, it is **45, 87.907, 327.924**.

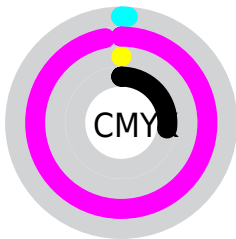
Distribution



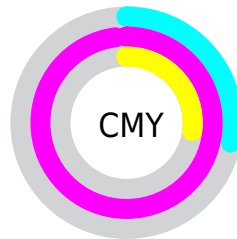
- Red (72%)
- Green (2%)
- Blue (73%)



- Red (72%)
- Yellow (2%)
- Blue (73%)



- Cyan (1%)
- Magenta (97%)
- Yellow (0%)
- Black (27%)





- Cyan (28%)
- Magenta (98%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 44, 90.404, 328.002 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, 90.404, 328.002 by changing the saturation by 10% instead.


 44, 90.404,
328.002


 44, 90.404,
328.002


 100, 90.404,
328.002


 34, 90.404,
328.002

 64, 90.404,
328.002


 24, 90.404,
328.002

 74, 90.404,
328.002

 14, 90.404,
328.002

 84, 90.404,
328.002

 4, 90.404, 328.002

 94, 90.404,
328.002

 0, 90.404, 328.002

 44, 90.404,

 44, 90.404,

328.002

328.002

■ 44, 90.913,
328.017

■ 45, 87.907,
327.924

■ 46, 83.252,
327.760

■ 48, 76.362,
327.502

■ 51, 67.519,
327.158

■ 54, 57.159,
326.741

■ 58, 45.752,
326.269

■ 63, 33.721,
325.758

■ 67, 21.405,
325.223

Harmonies

Complementary

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



44, 90.404, 328.002



66, 93.555, 136.097

Rectangle

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



44, 90.404, 328.002



44, 90.404, 18.002



44, 90.404, 148.002



44, 90.404, 198.002

Sweetspot

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



44, 90.402, 328.002



78, 43.989, 325.867



23, 103.204, 305.861



39, 30.096, 326.084



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



44, 90.402, 328.002



57, 110.302, 328.013



40, 66.544, 359.467



36, 6.898, 324.779



37, 79.906, 328.020



3, 18.770, 324.512

Inverse Universe

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



39, 80.498, 39.025



50, 99.563, 39.836



66, 70.118, 148.870



36, 4.003, 19.474



32, 71.661, 39.382



2, 10.639, 19.073

Previews

White Background



This preview shows how the CIELCh color 44, 90.404, 328.002 looks on a white background.

Color Contrast Check

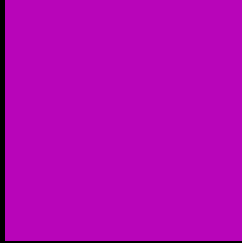
Large Text (above 18pt) WCAG AA ✓ Pass

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, 90.404, 328.002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

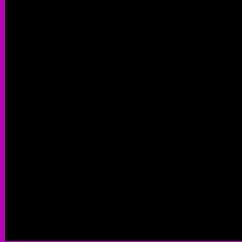
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 90.404, 328.002

Background



This preview shows how black text looks on a background with the CIELCh color 44, 90.404, 328.002.

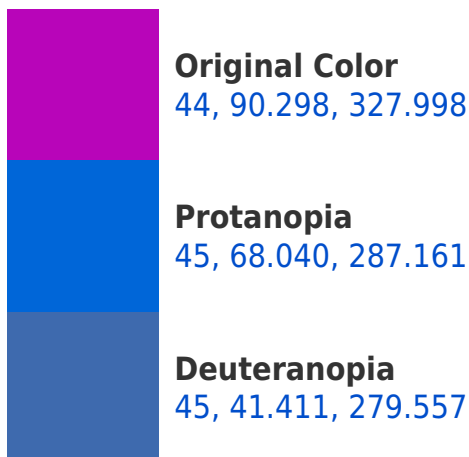


This preview shows how white text looks on a background with the CIELCh color 44, 90.404, 328.002.

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





Tritanopia
45, 45.017, 23.197

Trichromacy



Original Color
44, 90.298, 327.998



Protanomaly
37, 83.305, 301.213



Deuteranomaly
39, 66.434, 307.619



Tritanomaly
42, 57.973, 350.731

Monochromacy



Original Color
44, 90.298, 327.998



Achromatopsia
34, 0.005, 296.813



Achromatomaly
33, 45.914, 326.720

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 90.404, 328.002 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(184, 5, 185)` looks like.

```
.text, #text, p{  
    color:rgb(184, 5, 185)  
}
```

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(184, 5, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 5, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 90.404, 328.002 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(184, 5, 185) }
```

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

```
.border{ border-color:rgb(184, 5, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 5, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 5, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 5, 185);  
box-shadow:4px 4px 4px 4px rgb(184, 5,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 90.404, 328.002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 5, 185) }
```

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

```
.background{ background-color: rgb(184, 5,  
185) }
```

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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