

Converting Colors

CIELCh(48, 93.737, 328.573)

Have a look what the booklet for
CIELCh(48, 93.737, 328.573)
contains.

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Color

CIELCh(48, 93.629, 328.576)

Conversions

Conversions Part 1

Format	Color
Hex	C812C6
RGB	200, 18, 198
RGB Percent	78%, 7%, 78%
CMY	0.2156, 0.9291, 0.2235
CMYK	0.00, 0.91, 0.01, 0.22
HSL	301°, 83%, 43%
HSV	301°, 91%, 78%
XYZ	34.2370, 16.7945, 54.8746
YIQ	92.9380, 50.6920, 94.5640

Conversions

Conversions Part 2

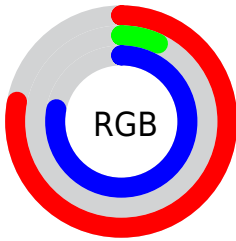
Format	Color
RYB	200, 18, 198
Decimal	13112006
CIELab	48.00, 79.90, -48.82
CIELCh	48, 93.629, 328.576
Yxy	16.7945, 0.3233, 0.1586
Android (android.graphics.Color)	4291302086 (0xFFC812C6)
YUV	92.9380, 51.7956, 93.8934
Hunter-Lab	40.9810, 77.4081, -50.7040

Details

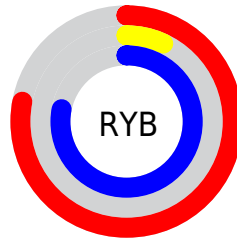
The CIELCh color **48, 93.629, 328.576** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **71, 97.225, 136.478**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 93.125, 327.551**, and **33, 75.166, 327.691** is the 20% darker color. If you saturate the color by 10%, you get **47, 95.422, 328.676**, and if you desaturate by 10%, it is **49, 89.742, 328.403**.

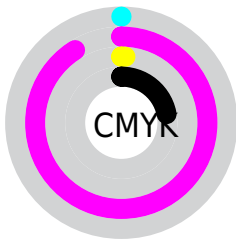
Distribution



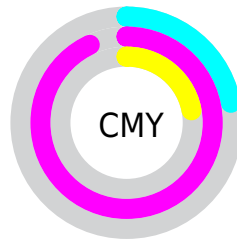
- Red (78%)
- Green (7%)
- Blue (78%)



- Red (78%)
- Yellow (7%)
- Blue (78%)



- Cyan (0%)
- Magenta (91%)
- Yellow (1%)
- Black (22%)





- Cyan (22%)
- Magenta (93%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 93.629, 328.576 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 48, 93.629, 328.576 by changing the saturation by 10% instead.


 48, 93.629,
328.576


 48, 93.629,
328.576


 100, 93.629,
328.576


 38, 93.629,
328.576

 68, 93.629,
328.576


 28, 93.629,
328.576

 78, 93.629,
328.576

 18, 93.629,
328.576

 88, 93.629,
328.576

 8, 93.629, 328.576

 98, 93.629,
328.576

 0, 93.629, 328.576

 48, 93.629,

 48, 93.629,

328.576

■ 47, 95.422,
328.676

328.576

■ 49, 89.742,
328.403

■ 51, 83.422,
328.146

■ 54, 74.865,
327.806

■ 57, 64.491,
327.394

■ 61, 52.803,
326.924

■ 65, 40.281,
326.412

■ 70, 27.327,
325.873

■ 75, 14.246,
325.317

Harmonies

Complementary

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



48, 93.629, 328.576



71, 97.225, 136.478

Rectangle

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



48, 93.629, 328.576



48, 93.629, 18.576



48, 93.629, 148.576



48, 93.629, 198.576

Sweetspot

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



48, 93.627, 328.576



84, 42.838, 326.222



26, 106.766, 305.500



43, 28.825, 326.406



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



48, 93.627, 328.576



60, 114.558, 328.682



44, 69.387, 358.722



39, 7.328, 325.227



39, 82.058, 328.669



4, 26.494, 327.378

Inverse Universe

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



48, 93.627, 328.576



60, 114.558, 328.682



71, 70.297, 151.015



39, 7.328, 325.227



39, 82.058, 328.669



4, 26.494, 327.378

Previews

White Background



This preview shows how the CIELCh color 48, 93.629, 328.576 looks on a white background.

Color Contrast Check

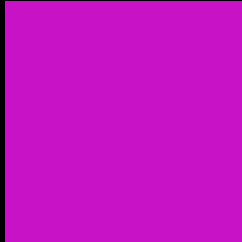
Large Text (above 18pt) WCAG AA ✓ Pass

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 48, 93.629, 328.576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

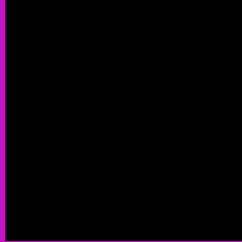
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 93.629, 328.576

Background



This preview shows how black text looks on a background with the CIELCh color 48, 93.629, 328.576.

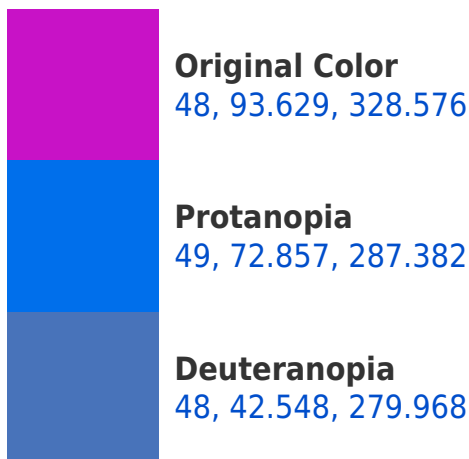


This preview shows how white text looks on a background with the CIELCh color 48, 93.629, 328.576.

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
48, 48.430, 23.629

Trichromacy



Original Color
48, 93.629, 328.576



Protanomaly
41, 86.181, 300.398



Deuteranomaly
43, 66.153, 307.793



Tritanomaly
46, 59.572, 352.424

Monochromacy



Original Color
48, 93.629, 328.576



Achromatopsia
39, 0.006, 296.813



Achromatomaly
39, 45.211, 327.399

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 93.629, 328.576 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(200, 18, 198)` looks like.

```
.text, #text, p{  
    color:rgb(200, 18, 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(200, 18, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 18, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 93.629, 328.576 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(200, 18, 198) }
```

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

```
.border{ border-color:rgb(200, 18, 198) }
```

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

Here you see how a box with a 4 pixel rgb(200, 18, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 18, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 18, 198);  
box-shadow:4px 4px 4px 4px rgb(200, 18,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 93.629, 328.576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 18, 198) }
```

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

```
.background{ background-color: rgb(200, 18,  
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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