

Converting Colors

CIELCh(48, 92.058, 328.120)

Have a look what the booklet for
CIELCh(48, 92.058, 328.120)
contains.

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Color

CIELCh(48, 92.145, 328.111)

Conversions

Conversions Part 1

Format	Color
Hex	C61AC6
RGB	198, 26, 198
RGB Percent	78%, 10%, 78%
CMY	0.2246, 0.8961, 0.2245
CMYK	0.00, 0.87, 0.00, 0.22
HSL	300°, 76%, 44%
HSV	300°, 87%, 78%
XYZ	33.7603, 16.7945, 54.7328
YIQ	97.0360, 47.3000, 89.9560

Conversions

Conversions Part 2

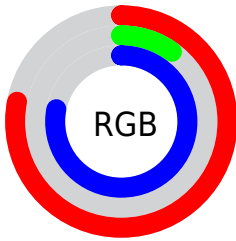
Format	Color
R_{YB}	198, 26, 198
Decimal	12982982
CIE _{Lab}	48.00, 78.24, -48.68
CIE _{LCh}	48, 92.145, 328.111
Yxy	16.7945, 0.3206, 0.1595
Android (android.graphics.Color)	4291173062 (0xFFC61AC6)
YUV	97.0360, 49.7753, 88.5454
Hunter-Lab	40.9810, 75.3318, -50.4989

Details

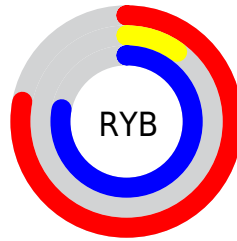
The CIELCh color **48, 92.145, 328.111** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed magenta. A complement of this color would be **70, 94.938, 136.626**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 91.792, 327.510**, and **33, 75.218, 327.153** is the 20% darker color. If you saturate the color by 10%, you get **47, 94.790, 328.206**, and if you desaturate by 10%, it is **50, 87.152, 327.930**.

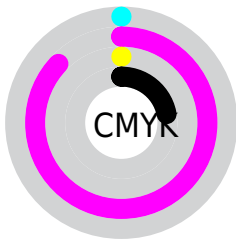
Distribution



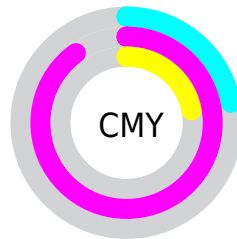
- Red (78%)
- Green (10%)
- Blue (78%)



- Red (78%)
- Yellow (10%)
- Blue (78%)



- Cyan (0%)
- Magenta (87%)
- Yellow (0%)
- Black (22%)





- Cyan (22%)
- Magenta (90%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 92.145, 328.111 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, 92.145, 328.111 by changing the saturation by 10% instead.


 48, 92.145,
328.111


 48, 92.145,
328.111


 100, 92.145,
328.111


 38, 92.145,
328.111

 68, 92.145,
328.111


 28, 92.145,
328.111

 78, 92.145,
328.111

 18, 92.145,
328.111

 88, 92.145,
328.111

 8, 92.145, 328.111

 98, 92.145,
328.111

 0, 92.145, 328.111

 48, 92.145,

 48, 92.145,

328.111

328.111

■ 47, 94.790,
328.206

■ 50, 87.152,
327.930

■ 47, 95.431,
328.229

■ 52, 79.800,
327.657

■ 55, 70.396,
327.301

■ 58, 59.403,
326.875

■ 62, 47.319,
326.393

■ 67, 34.591,
325.874

■ 71, 21.576,
325.332

■ 76, 8.537, 324.769

Harmonies

Complementary

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



48, 92.145, 328.111



70, 94.938, 136.626

Rectangle

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



48, 92.145, 328.111



48, 92.145, 18.111



48, 92.145, 148.111



48, 92.145, 198.111

Sweetspot

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



48, 92.143, 328.111



84, 41.566, 325.863



27, 101.344, 304.605



43, 28.143, 326.049



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, 92.143, 328.111



60, 115.568, 328.229



44, 68.187, 355.821



39, 7.382, 324.930



39, 82.760, 328.229



4, 26.741, 327.022

Inverse Universe

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



42, 78.148, 36.178



53, 104.572, 39.998



71, 68.649, 151.146



39, 4.279, 19.915



34, 74.641, 39.773



3, 15.885, 19.400

Previews

White Background



This preview shows how the CIELCh color 48, 92.145, 328.111 looks on a white background.

Color Contrast Check

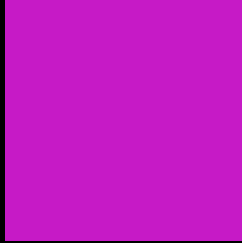
Large Text (above 18pt) WCAG AA ✓ Pass

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 48, 92.145, 328.111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

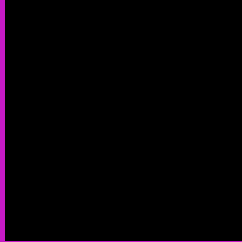
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 92.145, 328.111

Background



This preview shows how black text looks on a background with the CIELCh color 48, 92.145, 328.111.



This preview shows how white text looks on a background with the CIELCh color 48, 92.145, 328.111.

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
48, 92.336, 328.118

Protanopia
49, 72.857, 287.382

Deuteranopia
48, 42.548, 279.968



Tritanopia
48, 46.513, 22.483

Trichromacy



Original Color
48, 92.336, 328.118



Protanomaly
42, 83.807, 299.563



Deuteranomaly
44, 64.264, 306.902



Tritanomaly
47, 57.860, 351.349

Monochromacy



Original Color
48, 92.336, 328.118



Achromatopsia
41, 0.006, 296.813



Achromatomaly
40, 43.712, 326.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 92.145, 328.111 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(198, 26, 198)` looks like.

```
.text, #text, p{  
    color:rgb(198, 26, 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(198, 26, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 26, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 92.145, 328.111 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(198, 26, 198) }
```

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

```
.border{ border-color:rgb(198, 26, 198) }
```

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

Here you see how a box with a 4 pixel rgb(198, 26, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 26, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 26, 198);  
box-shadow:4px 4px 4px 4px rgb(198, 26,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 92.145, 328.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 26, 198) }
```

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

```
.background{ background-color: rgb(198, 26,  
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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