

Converting Colors

CIELCh(48, 88.513, 335.247)

Have a look what the booklet for
CIELCh(48, 88.513, 335.247)
contains.

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Color

CIELCh(48, 88.492, 335.239)

Conversions

Conversions Part 1

Format	Color
Hex	D100B2
RGB	209, 0, 178
RGB Percent	82%, 0%, 70%
CMY	0.1800, 0.9985, 0.3016
CMYK	0.00, 1.00, 0.15, 0.18
HSL	309°, 100%, 41%
HSV	309°, 100%, 82%
XYZ	34.3698, 16.7945, 43.5949
YIQ	82.7830, 67.4260, 99.6660

Conversions

Conversions Part 2

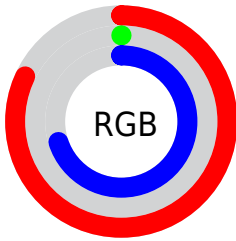
Format	Color
R_{YB}	209, 0, 178
Decimal	13697202
CIE _{Lab}	48.00, 80.36, -37.06
CIE _{LCh}	48, 88.492, 335.239
Yxy	16.7945, 0.3627, 0.1772
Android (android.graphics.Color)	4291887282 (0xFFD100B2)
YUV	82.7830, 46.9420, 110.6923
Hunter-Lab	40.9810, 77.9869, -34.3849

Details

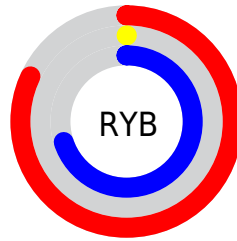
The CIELCh color **48, 88.492, 335.239** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed rose. A complement of this color would be **73, 99.460, 137.502**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **66, 86.994, 332.049**, and **34, 68.445, 336.042** is the 20% darker color. If you saturate the color by 10%, you get **48, 88.505, 335.253**, and if you desaturate by 10%, it is **49, 87.272, 334.499**.

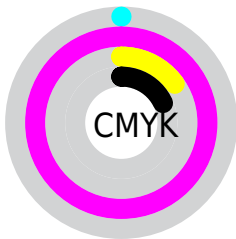
Distribution



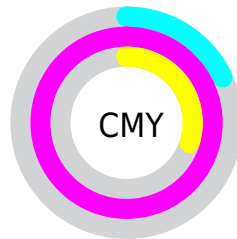
- Red (82%)
- Green (0%)
- Blue (70%)



- Red (82%)
- Yellow (0%)
- Blue (70%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (18%)




- Cyan (18%)
- Magenta (100%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 88.492, 335.239 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, 88.492, 335.239 by changing the saturation by 10% instead.


 48, 88.492,
335.239


 48, 88.492,
335.239


 100, 88.492,
335.239


 38, 88.492,
335.239

 68, 88.492,
335.239


 28, 88.492,
335.239

 78, 88.492,
335.239

 18, 88.492,
335.239


 88, 88.492,
335.239

 8, 88.492, 335.239

 98, 88.492,
335.239

 0, 88.492, 335.239

 48, 88.492,

 48, 88.492,

335.239

335.239

■ 48, 88.505,
335.253

■ 49, 87.272,
334.499

■ 50, 83.848,
333.809

■ 53, 77.897,
333.154

■ 56, 69.702,
332.513

■ 59, 59.747,
331.877

■ 64, 48.567,
331.241

■ 68, 36.646,
330.608

■ 73, 24.371,
329.980

■ 79, 12.023,
329.356

Harmonies

Complementary

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



48, 88.492, 335.239



73, 99.460, 137.502

Rectangle

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



48, 88.492, 335.239



48, 88.492, 25.239



48, 88.492, 155.239



48, 88.492, 205.239

Sweetspot

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



48, 88.489, 335.239



82, 43.299, 330.641



26, 114.276, 306.738



41, 29.470, 330.910



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, 88.489, 335.239



58, 102.659, 335.347



44, 73.643, 15.297



41, 6.944, 329.330



38, 75.433, 335.129



5, 27.748, 333.326

Inverse Universe

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



48, 88.489, 335.239



58, 102.659, 335.347



74, 66.206, 156.788



41, 6.944, 329.330



38, 75.433, 335.129



5, 27.748, 333.326

Previews

White Background



This preview shows how the CIELCh color 48, 88.492, 335.239 looks on a white background.

Color Contrast Check

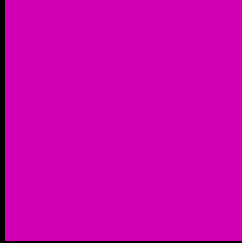
Large Text (above 18pt) WCAG AA ✓ Pass

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, 88.492, 335.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

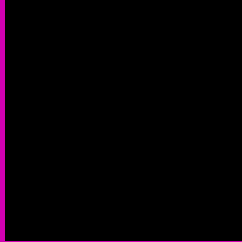
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 88.492, 335.239

Background



This preview shows how black text looks on a background with the CIELCh color 48, 88.492, 335.239.



This preview shows how white text looks on a background with the CIELCh color 48, 88.492, 335.239.

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, 88.492, 335.239

Protanopia

49, 73.327, 287.383

Deuteranopia

49, 30.862, 282.884



Tritanopia
48, 58.077, 26.753

Trichromacy



Original Color
48, 88.492, 335.239



Protanomaly
40, 86.535, 301.773



Deuteranomaly
43, 60.864, 316.567



Tritanomaly
47, 64.650, 0.515

Monochromacy



Original Color
48, 88.492, 335.239



Achromatopsia
35, 0.005, 296.813



Achromatomaly
35, 46.895, 332.169

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 88.492, 335.239 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(209, 0, 178)` looks like.

```
.text, #text, p{  
    color:rgb(209, 0, 178)  
}
```

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(209, 0, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 0, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 88.492, 335.239 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(209, 0, 178) }
```

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

```
.border{ border-color:rgb(209, 0, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 0, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 0, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 0, 178);  
box-shadow:4px 4px 4px 4px rgb(209, 0,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 88.492, 335.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 0, 178) }
```

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

```
.background{ background-color: rgb(209, 0,  
178) }
```

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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