

Converting Colors

CIELCh(68, 36.936, 334.161)

Have a look what the booklet for
CIELCh(68, 36.936, 334.161)
contains.

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Color

CIELCh(68, 37.138, 334.533)

Conversions

Conversions Part 1

Format	Color
Hex	D490C3
RGB	212, 144, 195
RGB Percent	83%, 56%, 76%
CMY	0.1679, 0.4346, 0.2346
CMYK	0.00, 0.32, 0.08, 0.17
HSL	315°, 44%, 70%
HSV	315°, 32%, 83%
XYZ	47.0752, 37.9720, 56.5849
YIQ	170.1460, 24.1570, 30.2770

Conversions

Conversions Part 2

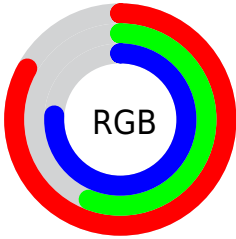
Format	Color
R _Y B	212, 144, 195
Decimal	13930691
CIE Lab	68.00, 33.53, -15.97
CIE LCh	68, 37.138, 334.533
Yxy	37.9720, 0.3324, 0.2681
Android (android.graphics.Color)	4292120771 (0xFFD490C3)
YUV	170.1460, 12.2530, 36.7060
Hunter-Lab	61.6215, 28.5260, -11.3090

Details

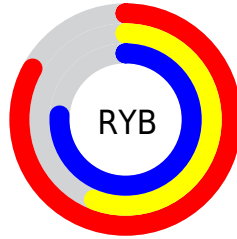
The CIELCh color $68, 37.138, 334.533$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 36.872, 149.789$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 33.875, 327.150$, and $48, 37.168, 334.509$ is the 20% darker color. If you saturate the color by 10%, you get $63, 48.314, 335.300$, and if you desaturate by 10%, it is $73, 25.572, 333.805$.

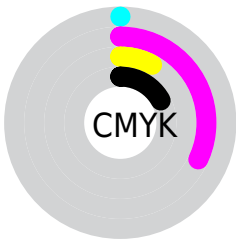
Distribution



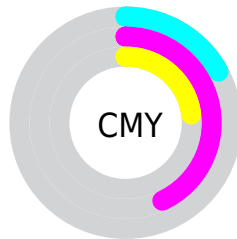
- Red (83%)
- Green (56%)
- Blue (76%)



- Red (83%)
- Yellow (56%)
- Blue (76%)



- Cyan (0%)
- Magenta (32%)
- Yellow (8%)
- Black (17%)





- Cyan (17%)
- Magenta (43%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 37.138, 334.533 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 68, 37.138, 334.533 by changing the saturation by 10% instead.


 68, 37.138,
334.533


 68, 37.138,
334.533


 100, 37.138,
334.533


 58, 37.138,
334.533


 88, 37.138,
334.533

 48, 37.138,
334.533

 98, 37.138,
334.533

 38, 37.138,
334.533

 28, 37.138,
334.533

 18, 37.138,
334.533

 8, 37.138, 334.533

 0, 37.138, 334.533

68, 37.138,
334.533

68, 37.138,
334.533

63, 48.314,
335.300

73, 25.572,
333.805

59, 58.708,
336.115

78, 13.913,
333.105

55, 67.817,
336.993

84, 2.354, 332.330

52, 75.095,
337.963

89, 8.982, 151.889

50, 80.065,
339.064

95, 20.026,
151.278


48, 82.490,
340.352

96, 20.884,
154.940

48, 82.956,
341.517

97, 19.019,
160.669

97, 17.365,
167.529

 97, 15.988,
175.666

Harmonies

Complementary

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



68, 37.138, 334.533



79, 36.872, 149.789

Rectangle

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



68, 37.138, 334.533



68, 37.138, 24.533



68, 37.138, 154.533



68, 37.138, 204.533

Sweetspot

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



68, 37.135, 334.534



94, 13.384, 332.970



64, 38.555, 302.350



49, 9.140, 333.068



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 37.135, 334.534



77, 50.889, 335.015



67, 28.147, 3.179



42, 6.591, 332.923



38, 70.774, 341.266



6, 27.423, 338.363

Inverse Universe

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



68, 37.135, 334.534



77, 50.889, 335.015



80, 25.116, 176.391



42, 6.591, 332.923



38, 70.774, 341.266



6, 27.423, 338.363

Previews

White Background



This preview shows how the CIELCh color 68, 37.138, 334.533 looks on a white background.

Color Contrast Check

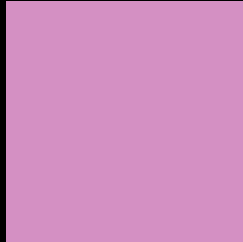
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 68, 37.138, 334.533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

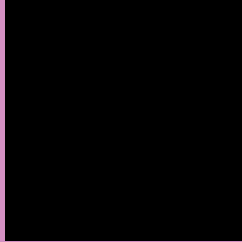
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 37.138, 334.533

Background



This preview shows how black text looks on a background with the CIELCh color 68, 37.138, 334.533.



This preview shows how white text looks on a background with the CIELCh color 68, 37.138, 334.533.

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
68, 23.642, 5.768

Trichromacy



Original Color
68, 37.138, 334.533



Protanomaly
68, 26.895, 306.899



Deuteranomaly
68, 23.022, 319.153

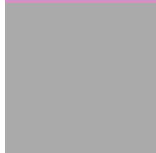


Tritanomaly
68, 27.507, 351.222

Monochromacy



Original Color
68, 37.138, 334.533



Achromatopsia
70, 0.009, 296.813



Achromatomaly
69, 13.404, 333.158

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 37.138, 334.533 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(212, 144, 195)` looks like.

```
.text, #text, p{  
    color:rgb(212, 144, 195)  
}
```

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(212, 144, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 144, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 37.138, 334.533 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(212, 144, 195) }
```

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

```
.border{ border-color:rgb(212, 144, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 144, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 144, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 144, 195);  
box-shadow:4px 4px 4px 4px rgb(212, 144,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 37.138, 334.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 144, 195) }
```

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

```
.background{ background-color: rgb(212,  
144, 195) }
```

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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