

Converting Colors

CIELCh(68, 37.755, 322.012)

Have a look what the booklet for
CIELCh(68, 37.755, 322.012)
contains.

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Color

CIELCh(68, 37.733, 322.108)

Conversions

Conversions Part 1

Format	Color
Hex	C894D0
RGB	200, 148, 208
RGB Percent	78%, 58%, 82%
CMY	0.2160, 0.4199, 0.1846
CMYK	0.04, 0.29, 0.00, 0.18
HSL	292°, 39%, 70%
HSV	292°, 29%, 82%
XYZ	45.7485, 37.9720, 64.5380
YIQ	170.3880, 11.7320, 29.6840

Conversions

Conversions Part 2

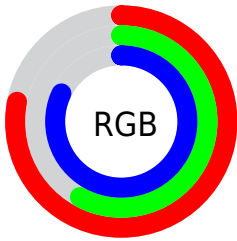
Format	Color
R _{YB}	200, 148, 208
Decimal	13145296
CIE _{Lab}	68.00, 29.78, -23.17
CIE _{LCh}	68, 37.733, 322.108
Yxy	37.9720, 0.3086, 0.2561
Android (android.graphics.Color)	4291335376 (0xFFC894D0)
YUV	170.3880, 18.5427, 25.9697
Hunter-Lab	61.6215, 24.6830, -18.9612

Details

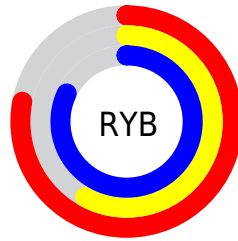
The CIELCh color $68, 37.733, 322.108$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 37.425, 139.122$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 32.611, 325.559$, and $48, 37.155, 322.130$ is the 20% darker color. If you saturate the color by 10%, you get $63, 50.664, 322.549$, and if you desaturate by 10%, it is $73, 24.587, 321.641$.

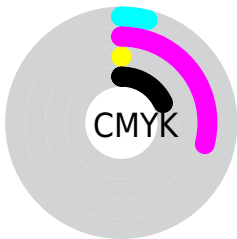
Distribution



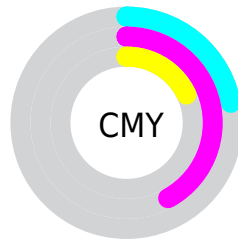
- Red (78%)
- Green (58%)
- Blue (82%)



- Red (78%)
- Yellow (58%)
- Blue (82%)



- Cyan (4%)
- Magenta (29%)
- Yellow (0%)
- Black (18%)





- Cyan (22%)
- Magenta (42%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 37.733, 322.108 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, 37.733, 322.108 by changing the saturation by 10% instead.


 68, 37.733,
322.108


 68, 37.733,
322.108


 100, 37.733,
322.108


 58, 37.733,
322.108


 88, 37.733,
322.108

 48, 37.733,
322.108

 98, 37.733,
322.108

 38, 37.733,
322.108

 28, 37.733,
322.108

 18, 37.733,
322.108

 8, 37.733, 322.108

 0, 37.733, 322.108

68, 37.733,
322.108

68, 37.733,
322.108

63, 50.664,
322.549

73, 24.587,
321.641

58, 63.042,
322.940

79, 11.471,
321.159

54, 74.411,
323.254

84, 1.460, 140.873

51, 84.224,
323.456

90, 14.112,
140.281

48, 91.925,
323.513

95, 26.431,
139.845

46, 97.100,
323.396

96, 27.805,
138.379


45, 99.846,
323.106

96, 27.304,
136.658

45, 100.109,

97, 26.828,
134.860

323.069

 97, 26.378,
132.985

Harmonies

Complementary

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



68, 37.733, 322.108



79, 37.425, 139.122

Rectangle

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



68, 37.733, 322.108



68, 37.733, 12.108



68, 37.733, 142.108



68, 37.733, 192.108

Sweetspot

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



68, 37.731, 322.108



94, 13.764, 321.171



66, 28.368, 287.139



49, 9.575, 321.243



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, 37.731, 322.108



78, 53.953, 322.401



68, 30.741, 338.589



41, 7.388, 321.186



36, 85.519, 323.142



5, 29.957, 322.821

Inverse Universe

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



67, 24.217, 11.501



77, 35.248, 12.485



79, 30.286, 153.986



41, 4.521, 9.215



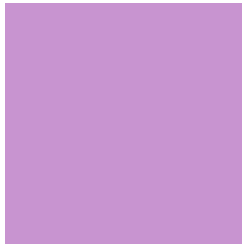
35, 70.869, 33.622



4, 20.095, 13.267

Previews

White Background



This preview shows how the CIELCh color 68, 37.733, 322.108 looks on a white background.

Color Contrast Check

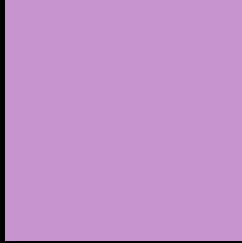
Large Text (above 18pt) WCAG AA × Fail

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, 37.733, 322.108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

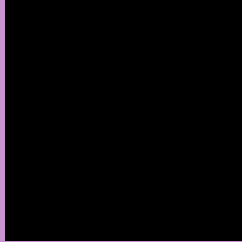
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 37.733, 322.108

Background



This preview shows how black text looks on a background with the CIELCh color 68, 37.733, 322.108.



This preview shows how white text looks on a background with the CIELCh color 68, 37.733, 322.108.

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
68, 37.733, 322.108

Protanopia
68, 30.979, 285.552

Deuteranopia
68, 23.148, 291.657



Tritanopia
68, 16.052, 356.825

Trichromacy



Original Color
68, 37.733, 322.108

Protanomaly
68, 32.317, 299.822

Deuteranomaly
68, 27.317, 305.911

Tritanomaly
68, 22.997, 335.914

Monochromacy



Original Color
68, 37.733, 322.108

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 14.045, 321.217

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 37.733, 322.108 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, 148, 208)` looks like.

```
.text, #text, p{  
    color:rgb(200, 148, 208)  
}
```

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, 148, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 148, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 37.733, 322.108 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, 148, 208) }
```

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

```
.border{ border-color:rgb(200, 148, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 148, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 148, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 148, 208);  
box-shadow:4px 4px 4px 4px rgb(200, 148,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 37.733, 322.108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 148, 208) }
```

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

```
.background{ background-color: rgb(200,  
148, 208) }
```

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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