

Converting Colors

CIELCh(68, 34.726, 335.818)

Have a look what the booklet for
CIELCh(68, 34.726, 335.818)
contains.

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Color

CIELCh(68, 34.927, 335.550)

Conversions

Conversions Part 1

Format	Color
Hex	D291C0
RGB	210, 145, 192
RGB Percent	82%, 57%, 75%
CMY	0.1747, 0.4297, 0.2454
CMYK	0.00, 0.31, 0.09, 0.17
HSL	317°, 42%, 70%
HSV	317°, 31%, 83%
XYZ	46.4587, 37.9720, 55.0029
YIQ	169.7930, 23.6530, 28.3970

Conversions

Conversions Part 2

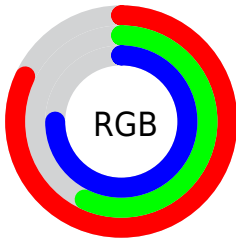
Format	Color
R _Y B	210, 145, 192
Decimal	13799872
CIE Lab	68.00, 31.79, -14.46
CIE LCh	68, 34.927, 335.550
Yxy	37.9720, 0.3332, 0.2723
Android (android.graphics.Color)	4291989952 (0xFFD291C0)
YUV	169.7930, 10.9481, 35.2615
Hunter-Lab	61.6215, 26.7401, -9.7868

Details

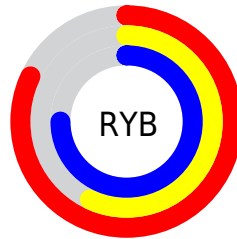
The CIELCh color $68, 34.927, 335.550$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 34.612, 150.895$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 31.627, 329.400$, and $48, 35.130, 336.084$ is the 20% darker color. If you saturate the color by 10%, you get $63, 45.904, 336.352$, and if you desaturate by 10%, it is $73, 23.616, 334.796$.

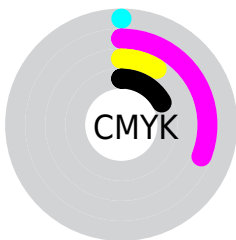
Distribution



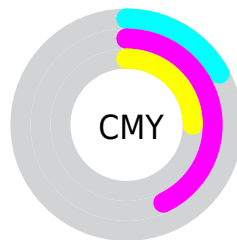
- Red (82%)
- Green (57%)
- Blue (75%)



- Red (82%)
- Yellow (57%)
- Blue (75%)



- Cyan (0%)
- Magenta (31%)
- Yellow (9%)
- Black (17%)





- Cyan (17%)
- Magenta (43%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 34.927, 335.550 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, 34.927, 335.550 by changing the saturation by 10% instead.


 68, 34.927,
335.550


 68, 34.927,
335.550


 100, 34.927,
335.550


 58, 34.927,
335.550


 88, 34.927,
335.550

 48, 34.927,
335.550

 98, 34.927,
335.550

 38, 34.927,
335.550

 28, 34.927,
335.550

 18, 34.927,
335.550

 8, 34.927, 335.550

 0, 34.927, 335.550

68, 34.927,
335.550

68, 34.927,
335.550

63, 45.904,
336.352

73, 23.616,
334.796

59, 56.177,
337.213

78, 12.251,
334.075

55, 65.259,
338.154

84, 1.008, 333.093

52, 72.611,
339.209

89, 10.003,
152.837

49, 77.739,
340.425

95, 20.719,
152.222


48, 80.369,
341.866

96, 21.174,
156.370

47, 80.939,
343.395

96, 19.184,
162.761

97, 17.462,
170.477

 97, 16.095,
179.652

Harmonies

Complementary

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



68, 34.927, 335.550



79, 34.612, 150.895

Rectangle

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



68, 34.927, 335.550



68, 34.927, 25.550



68, 34.927, 155.550



68, 34.927, 205.550

Sweetspot

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



68, 34.924, 335.551



94, 11.807, 333.947



64, 36.893, 302.799



49, 8.214, 334.052



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, 34.924, 335.551



77, 48.697, 336.066



67, 26.780, 4.234



41, 6.338, 333.968



37, 68.730, 343.090



5, 25.128, 339.627

Inverse Universe

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



68, 34.924, 335.551



77, 48.697, 336.066



80, 23.851, 177.778



41, 6.338, 333.968



37, 68.730, 343.090



5, 25.128, 339.627

Previews

White Background



This preview shows how the CIELCh color 68, 34.927, 335.550 looks on a white background.

Color Contrast Check

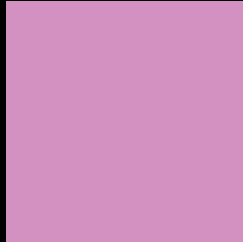
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 68, 34.927, 335.550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

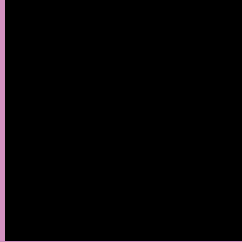
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 34.927, 335.550

Background



This preview shows how black text looks on a background with the CIELCh color 68, 34.927, 335.550.



This preview shows how white text looks on a background with the CIELCh color 68, 34.927, 335.550.

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, 22.848, 5.099

Trichromacy



Original Color
68, 34.927, 335.550

Protanomaly
68, 24.782, 308.097

Deuteranomaly
68, 21.594, 321.184

Tritanomaly
68, 26.262, 350.805

Monochromacy



Original Color
68, 34.927, 335.550

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 13.013, 334.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 34.927, 335.550 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(210, 145, 192)` looks like.

```
.text, #text, p{  
    color:rgb(210, 145, 192)  
}
```

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(210, 145, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 145, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 34.927, 335.550 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(210, 145, 192) }
```

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

```
.border{ border-color:rgb(210, 145, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 145, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 145, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 145, 192);  
box-shadow:4px 4px 4px 4px rgb(210, 145,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 34.927, 335.550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 145, 192) }
```

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

```
.background{ background-color: rgb(210,  
145, 192) }
```

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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