

Converting Colors

CIELCh(67, 33.959, 340.386)

Have a look what the booklet for
CIELCh(67, 33.959, 340.386)
contains.

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Color

CIELCh(67, 34.024, 340.448)

Conversions

Conversions Part 1

Format	Color
Hex	D28EB8
RGB	210, 142, 184
RGB Percent	82%, 56%, 72%
CMY	0.1754, 0.4421, 0.2774
CMYK	0.00, 0.32, 0.12, 0.18
HSL	323°, 43%, 69%
HSV	323°, 32%, 82%
XYZ	45.0426, 36.6320, 50.1847
YIQ	167.1200, 27.0460, 27.4780

Conversions

Conversions Part 2

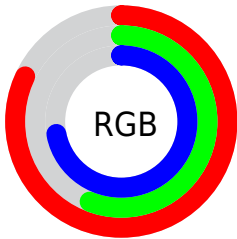
Format	Color
RYB	210, 142, 184
Decimal	13799096
CIELab	67.00, 32.06, -11.39
CIElCh	67, 34.024, 340.448
Yxy	36.6320, 0.3416, 0.2778
Android (android.graphics.Color)	4291989176 (0xFFD28EB8)
YUV	167.1200, 8.3218, 37.6058
Hunter-Lab	60.5244, 26.9231, -6.7942

Details

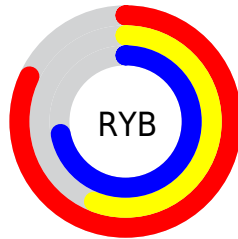
The CIELCh color `67, 34.024, 340.448` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `79, 33.347, 155.003`, and the grayscale version is `69, 0.009, 296.813`.

A 20% lighter version of the original color is `86, 31.063, 334.065`, and `47, 33.628, 340.335` is the 20% darker color. If you saturate the color by 10%, you get `62, 44.264, 341.442`, and if you desaturate by 10%, it is `72, 23.473, 339.549`.

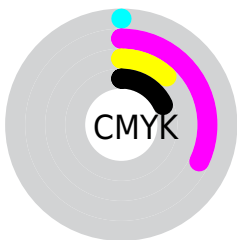
Distribution



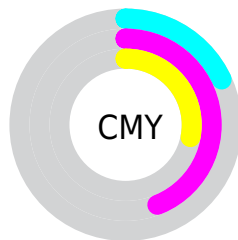
- Red (82%)
- Green (56%)
- Blue (72%)



- Red (82%)
- Yellow (56%)
- Blue (72%)



- Cyan (0%)
- Magenta (32%)
- Yellow (12%)
- Black (18%)



- Cyan (18%)
- Magenta (44%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 34.024, 340.448 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 67, 34.024, 340.448 by changing the saturation by 10% instead.

 67, 34.024,
340.448

 67, 34.024,
340.448

 100, 34.024,
340.448

 57, 34.024,
340.448

 87, 34.024,
340.448

 47, 34.024,
340.448

 97, 34.024,
340.448

 37, 34.024,
340.448

 27, 34.024,
340.448

 17, 34.024,
340.448

 7, 34.024, 340.448

 0, 34.024, 340.448

67, 34.024,
340.448

67, 34.024,
340.448

62, 44.264,
341.442

72, 23.473,
339.549

58, 53.825,
342.562

77, 12.885,
338.718

54, 62.228,
343.855

83, 2.429, 337.837

51, 68.936,
345.391

89, 7.790, 157.341

94, 17.718,
156.662

48, 73.482,
347.264

96, 19.474,
161.978

47, 75.643,
349.589

97, 17.134,
172.730

46, 76.056,
351.678

97, 15.518,
186.205

■ 97, 14.915,
198.512

Harmonies

Complementary

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



67, 34.024, 340.448



79, 33.347, 155.003

Rectangle

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



67, 34.024, 340.448



67, 34.024, 30.448



67, 34.024, 160.448



67, 34.024, 210.448

Sweetspot

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



67, 34.021, 340.449



94, 12.181, 338.538



64, 39.063, 306.246



49, 8.321, 338.652



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 34.021, 340.449



76, 47.803, 341.142



66, 27.649, 12.013



41, 5.880, 338.481



37, 64.625, 351.179



5, 23.306, 346.100

Inverse Universe

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



67, 34.021, 340.449



76, 47.803, 341.142



80, 23.453, 185.744



41, 5.880, 338.481



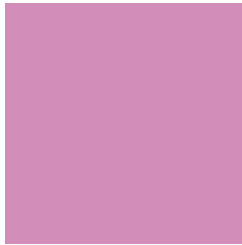
37, 64.625, 351.179



5, 23.306, 346.100

Previews

White Background



This preview shows how the CIELCh color 67, 34.024, 340.448 looks on a white background.

Color Contrast Check

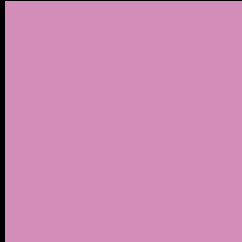
Large Text (above 18pt) WCAG AA × Fail

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 67, 34.024, 340.448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

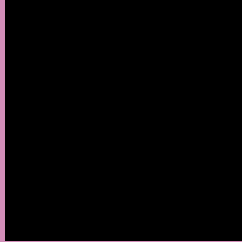
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 34.024, 340.448

Background



This preview shows how black text looks on a background with the CIELCh color 67, 34.024, 340.448.

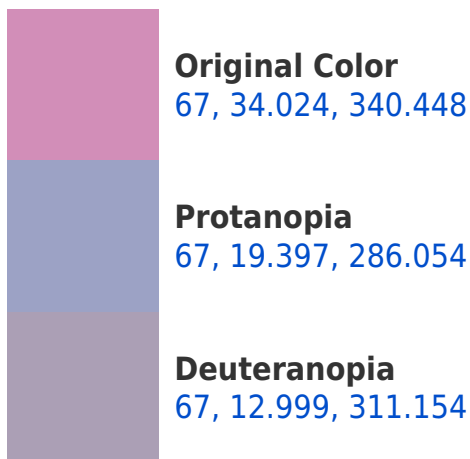


This preview shows how white text looks on a background with the CIELCh color 67, 34.024, 340.448.

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
67, 24.416, 7.699

Trichromacy



Original Color
67, 34.024, 340.448

Protanomaly
67, 21.919, 312.230

Deuteranomaly
67, 19.983, 328.060

Tritanomaly
67, 27.270, 354.836

Monochromacy



Original Color
67, 34.024, 340.448

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 12.592, 339.643

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 34.024, 340.448 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, 142, 184)` looks like.

```
.text, #text, p{  
    color:rgb(210, 142, 184)  
}
```

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, 142, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 142, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 34.024, 340.448 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, 142, 184) }
```

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

```
.border{ border-color:rgb(210, 142, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 142, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 142, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 142, 184);  
box-shadow:4px 4px 4px 4px rgb(210, 142,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 34.024, 340.448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 142, 184) }
```

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

```
.background{ background-color: rgb(210,  
142, 184) }
```

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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