

Converting Colors

CIELCh(67, 34.326, 333.313)

Have a look what the booklet for
CIELCh(67, 34.326, 333.313)
contains.

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Color

CIELCh(67, 34.030, 333.550)

Conversions

Conversions Part 1

Format	Color
Hex	CD90BF
RGB	205, 144, 191
RGB Percent	80%, 56%, 75%
CMY	0.1965, 0.4357, 0.2514
CMYK	0.00, 0.30, 0.07, 0.20
HSL	314°, 38%, 68%
HSV	314°, 30%, 80%
XYZ	44.4922, 36.6320, 53.9500
YIQ	167.5970, 21.2690, 27.5490

Conversions

Conversions Part 2

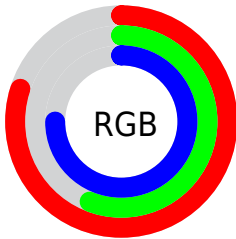
Format	Color
R _Y B	205, 144, 191
Decimal	13471935
CIE _{Lab}	67.00, 30.47, -15.16
CIE _{LCh}	67, 34.030, 333.550
Yxy	36.6320, 0.3294, 0.2712
Android (android.graphics.Color)	4291662015 (0xFFCD90BF)
YUV	167.5970, 11.5377, 32.8024
Hunter-Lab	60.5244, 25.2999, -10.4827

Details

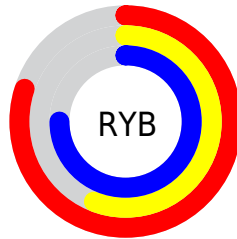
The CIELCh color $67, 34.030, 333.550$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 33.830, 149.289$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 32.484, 329.879$, and $47, 33.991, 333.342$ is the 20% darker color. If you saturate the color by 10%, you get $62, 45.157, 334.278$, and if you desaturate by 10%, it is $72, 22.590, 332.852$.

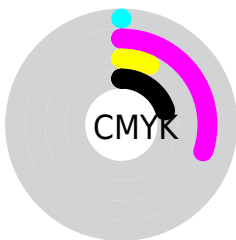
Distribution



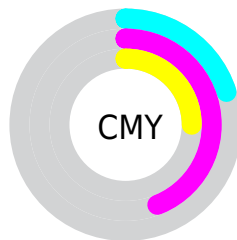
- Red (80%)
- Green (56%)
- Blue (75%)



- Red (80%)
- Yellow (56%)
- Blue (75%)



- Cyan (0%)
- Magenta (30%)
- Yellow (7%)
- Black (20%)





- Cyan (20%)
- Magenta (44%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 34.030, 333.550 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 67, 34.030, 333.550 by changing the saturation by 10% instead.

 67, 34.030,
333.550


 67, 34.030,
333.550


 100, 34.030,
333.550


 57, 34.030,
333.550


 87, 34.030,
333.550

 47, 34.030,
333.550

 97, 34.030,
333.550

 37, 34.030,
333.550

 27, 34.030,
333.550

 17, 34.030,
333.550

 7, 34.030, 333.550

 0, 34.030, 333.550

67, 34.030,
333.550

67, 34.030,
333.550

62, 45.157,
334.278

72, 22.590,
332.852

58, 55.613,
335.041

77, 11.105,
332.173

54, 64.930,
335.851

82, 0.254, 152.842

51, 72.583,
336.725

88, 11.378,
150.992

49, 78.081,
337.695

93, 22.208,
150.405

47, 81.125,
338.805

96, 25.638,
152.167


46, 82.017,
340.080

96, 23.882,
156.021

46, 82.031,

96, 22.235,
160.441

340.110

 96, 20.726,
165.514

Harmonies

Complementary

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



67, 34.030, 333.550



77, 33.830, 149.289

Rectangle

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



67, 34.030, 333.550



67, 34.030, 23.550



67, 34.030, 153.550



67, 34.030, 203.550

Sweetspot

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



67, 34.027, 333.551



94, 12.215, 332.129



63, 34.569, 301.014



49, 8.497, 332.229



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, 34.027, 333.551



78, 48.975, 334.034



66, 25.585, 0.420



40, 6.425, 332.148



37, 70.247, 339.888



5, 24.066, 336.852

Inverse Universe

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



67, 34.027, 333.551



78, 48.975, 334.034



78, 23.304, 174.213



40, 6.425, 332.148



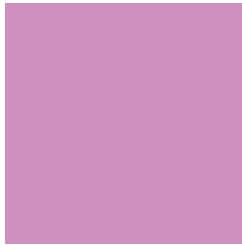
37, 70.247, 339.888



5, 24.066, 336.852

Previews

White Background



This preview shows how the CIELCh color 67, 34.030, 333.550 looks on a white background.

Color Contrast Check

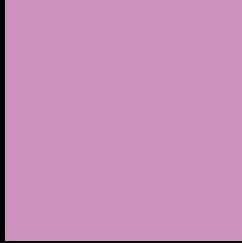
Large Text (above 18pt) WCAG AA × Fail

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 67, 34.030, 333.550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

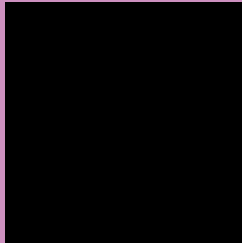
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 34.030, 333.550

Background



This preview shows how black text looks on a background with the CIELCh color 67, 34.030, 333.550.



This preview shows how white text looks on a background with the CIELCh color 67, 34.030, 333.550.

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



Original Color
67, 34.030, 333.550

Protanopia
67, 22.733, 285.679

Deuteranopia
67, 16.425, 303.116



Tritanopia
67, 21.375, 3.706

Trichromacy



Original Color
67, 34.030, 333.550

Protanomaly
67, 25.277, 307.007

Deuteranomaly
67, 21.783, 318.743

Tritanomaly
67, 25.022, 348.780

Monochromacy



Original Color
67, 34.030, 333.550

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 12.531, 332.246

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 34.030, 333.550 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(205, 144, 191)` looks like.

```
.text, #text, p{  
    color:rgb(205, 144, 191)  
}
```

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(205, 144, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 144, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 34.030, 333.550 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(205, 144, 191) }
```

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

```
.border{ border-color:rgb(205, 144, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 144, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 144, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 144, 191);  
box-shadow:4px 4px 4px 4px rgb(205, 144,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 34.030, 333.550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 144, 191) }
```

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

```
.background{ background-color: rgb(205,  
144, 191) }
```

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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