

Converting Colors

CIELCh(67, 37.189, 324.147)

Have a look what the booklet for
CIELCh(67, 37.189, 324.147)
contains.

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Color

CIELCh(67, 37.246, 323.998)

Conversions

Conversions Part 1

Format	Color
Hex	C791CB
RGB	199, 145, 203
RGB Percent	78%, 57%, 80%
CMY	0.2202, 0.4319, 0.2045
CMYK	0.02, 0.29, 0.00, 0.20
HSL	296°, 36%, 68%
HSV	296°, 29%, 80%
XYZ	44.3768, 36.6320, 61.1363
YIQ	167.7580, 13.5660, 29.4860

Conversions

Conversions Part 2

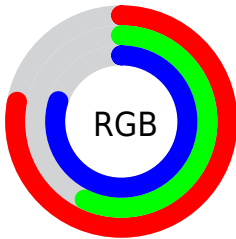
Format	Color
R_{YB}	199, 145, 203
Decimal	13078987
CIE _{Lab}	67.00, 30.13, -21.89
CIE _{LCh}	67, 37.246, 323.998
Yxy	36.6320, 0.3122, 0.2577
Android (android.graphics.Color)	4291269067 (0xFFC791CB)
YUV	167.7580, 17.3743, 27.3992
Hunter-Lab	60.5244, 24.9596, -17.5225

Details

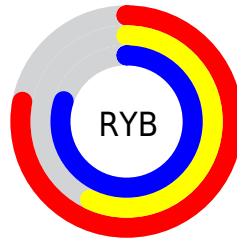
The CIELCh color $67, 37.246, 323.998$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $77, 37.101, 140.803$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $87, 35.124, 325.645$, and $47, 37.097, 323.702$ is the 20% darker color. If you saturate the color by 10%, you get $62, 50.024, 324.468$, and if you desaturate by 10%, it is $72, 24.188, 323.501$.

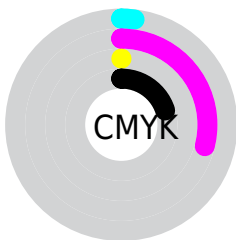
Distribution



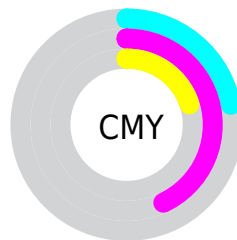
- Red (78%)
- Green (57%)
- Blue (80%)



- Red (78%)
- Yellow (57%)
- Blue (80%)



- Cyan (2%)
- Magenta (29%)
- Yellow (0%)
- Black (20%)



- Cyan (22%)
- Magenta (43%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 37.246, 323.998 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, 37.246, 323.998 by changing the saturation by 10% instead.

 67, 37.246,
323.998


 67, 37.246,
323.998


 100, 37.246,
323.998

 57, 37.246,
323.998

 87, 37.246,
323.998

 47, 37.246,
323.998

 97, 37.246,
323.998

 37, 37.246,
323.998

 27, 37.246,
323.998

 17, 37.246,
323.998

 7, 37.246, 323.998

 0, 37.246, 323.998

67, 37.246,
323.998

67, 37.246,
323.998

62, 50.024,
324.468

72, 24.188,
323.501

58, 62.171,
324.892

77, 11.115,
322.986

54, 73.226,
325.247

82, 1.802, 142.645

51, 82.663,
325.508

88, 14.452,
142.041

49, 89.981,
325.651

93, 26.773,
141.567

47, 94.838,
325.660

96, 31.800,
140.973


46, 97.369,
325.541

96, 31.526,
140.260

46, 97.661,

96, 31.257,
139.532

325.521

 96, 30.992,
138.788

Harmonies

Complementary

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



67, 37.246, 323.998



77, 37.101, 140.803

Rectangle

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



67, 37.246, 323.998



67, 37.246, 13.998



67, 37.246, 143.998



67, 37.246, 193.998

Sweetspot

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



67, 37.244, 323.998



94, 14.031, 323.014



63, 29.728, 290.258



49, 9.759, 323.091



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, 37.244, 323.998



79, 53.226, 324.278



67, 28.559, 341.793



40, 7.380, 323.029



37, 84.044, 325.559



5, 28.351, 324.844

Inverse Universe

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



66, 23.451, 16.427



78, 34.198, 17.252



77, 27.926, 156.941



40, 4.381, 14.345



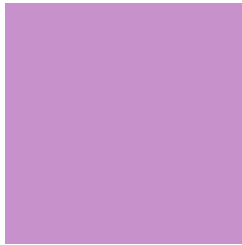
34, 72.804, 36.966



4, 17.956, 16.007

Previews

White Background



This preview shows how the CIELCh color 67, 37.246, 323.998 looks on a white background.

Color Contrast Check

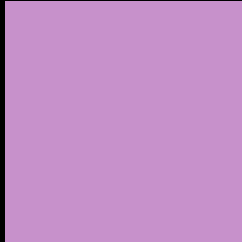
Large Text (above 18pt) WCAG AA × Fail

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, 37.246, 323.998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

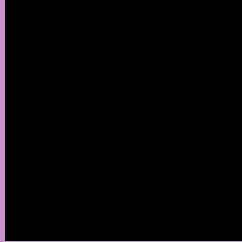
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 37.246, 323.998

Background



This preview shows how black text looks on a background with the CIELCh color 67, 37.246, 323.998.



This preview shows how white text looks on a background with the CIELCh color 67, 37.246, 323.998.

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, 17.209, 358.631

Trichromacy



Original Color
67, 37.246, 323.998



Protanomaly
67, 31.374, 300.631



Deuteranomaly
67, 27.157, 308.373



Tritanomaly
67, 23.522, 339.039

Monochromacy



Original Color
67, 37.246, 323.998



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 13.606, 322.392

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 37.246, 323.998 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(199, 145, 203)` looks like.

```
.text, #text, p{  
    color:rgb(199, 145, 203)  
}
```

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(199, 145, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 145, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 37.246, 323.998 is called "border". The border property can be set on classes, ids or directly on the HTML element.

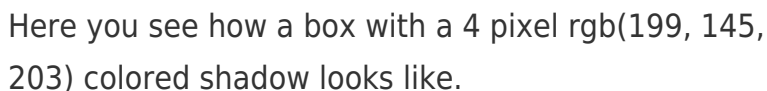
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 145, 203) }
```

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

```
.border{ border-color:rgb(199, 145, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 145, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 145, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 145, 203);  
box-shadow:4px 4px 4px 4px rgb(199, 145,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 37.246, 323.998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 145, 203) }
```

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

```
.background{ background-color: rgb(199,  
145, 203) }
```

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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