

Converting Colors

CIELCh(67, 19.074, 334.164)

Have a look what the booklet for
CIELCh(67, 19.074, 334.164)
contains.

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Color

CIELCh(67, 19.061, 334.972)

Conversions

Conversions Part 1

Format	Color
Hex	BC99B2
RGB	188, 153, 178
RGB Percent	74%, 60%, 70%
CMY	0.2632, 0.4004, 0.3024
CMYK	0.00, 0.19, 0.05, 0.26
HSL	317°, 21%, 67%
HSV	317°, 19%, 74%
XYZ	40.1075, 36.6320, 47.0159
YIQ	166.3150, 12.8350, 15.1950

Conversions

Conversions Part 2

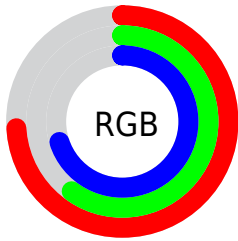
Format	Color
RYB	188, 153, 178
Decimal	12360114
CIELab	67.00, 17.27, -8.06
CIElCh	67, 19.061, 334.972
Yxy	36.6320, 0.3241, 0.2960
Android (android.graphics.Color)	4290550194 (0xFFBC99B2)
YUV	166.3150, 5.7607, 19.0177
Hunter-Lab	60.5244, 12.3685, -3.6900

Details

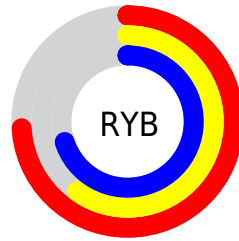
The CIELCh color $67, 19.061, 334.972$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $73, 18.925, 152.366$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 19.367, 334.120$, and $47, 18.631, 335.128$ is the 20% darker color. If you saturate the color by 10%, you get $62, 29.344, 335.722$, and if you desaturate by 10%, it is $72, 8.771, 334.254$.

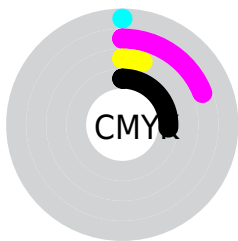
Distribution



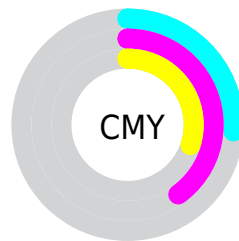
- Red (74%)
- Green (60%)
- Blue (70%)



- Red (74%)
- Yellow (60%)
- Blue (70%)



- Cyan (0%)
- Magenta (19%)
- Yellow (5%)
- Black (26%)





- Cyan (26%)
- Magenta (40%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 19.061, 334.972 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, 19.061, 334.972 by changing the saturation by 10% instead.


 67, 19.061,
334.972


 67, 19.061,
334.972


 100, 19.061,
334.972


 57, 19.061,
334.972


 87, 19.061,
334.972

 47, 19.061,
334.972

 97, 19.061,
334.972

 37, 19.061,
334.972

 27, 19.061,
334.972

 17, 19.061,
334.972

 7, 19.061, 334.972

 0, 19.061, 334.972

67, 19.061,
334.972

67, 19.061,
334.972

62, 29.344,
335.722

72, 8.771, 334.254

58, 39.405,
336.516

77, 1.376, 153.861

54, 48.930,
337.370

82, 11.296,
153.034

50, 57.507,
338.303

87, 20.943,
152.432

47, 64.658,
339.345

92, 30.298,
151.872

45, 69.916,
340.541

95, 33.109,
153.420


43, 72.959,
341.955

95, 31.123,
156.873

42, 73.946,

95, 29.244,
160.762

343.630

 95, 27.496,
165.142

 42, 74.037,
343.869

Harmonies

Complementary

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



67, 19.061, 334.972



73, 18.925, 152.366

Rectangle

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



67, 19.061, 334.972



67, 19.061, 24.972



67, 19.061, 154.972



67, 19.061, 204.972

Sweetspot

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



67, 19.059, 334.973



93, 7.551, 334.068



65, 19.868, 302.375



49, 5.009, 334.117



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



67, 19.059, 334.973



83, 27.948, 335.248



67, 14.271, 3.829



37, 5.787, 334.306



35, 65.322, 343.604



3, 16.281, 338.979

Inverse Universe

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



67, 19.059, 334.973



83, 27.948, 335.248



74, 13.299, 180.323



37, 5.787, 334.306



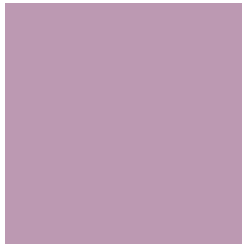
35, 65.322, 343.604



3, 16.281, 338.979

Previews

White Background



This preview shows how the CIELCh color 67, 19.061, 334.972 looks on a white background.

Color Contrast Check

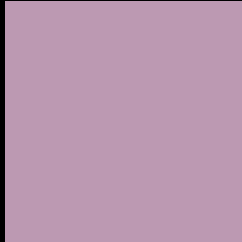
Large Text (above 18pt) WCAG AA × Fail

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, 19.061, 334.972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

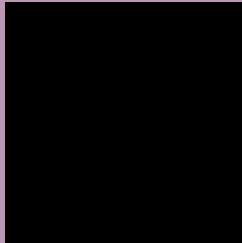
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 19.061, 334.972

Background



This preview shows how black text looks on a background with the CIELCh color 67, 19.061, 334.972.



This preview shows how white text looks on a background with the CIELCh color 67, 19.061, 334.972.

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, 19.061, 334.972

Protanopia

67, 12.168, 288.058

Deuteranopia

67, 11.281, 318.562



Tritanopia
67, 13.627, 351.765

Trichromacy



Original Color
67, 19.061, 334.972

Protanomaly
67, 13.402, 308.878

Deuteranomaly
67, 13.602, 326.375

Tritanomaly
67, 15.687, 344.319

Monochromacy



Original Color
67, 19.061, 334.972

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 7.020, 335.059

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 19.061, 334.972 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(188, 153, 178)` looks like.

```
.text, #text, p{  
    color:rgb(188, 153, 178)  
}
```

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(188, 153, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 153, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 19.061, 334.972 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(188, 153, 178) }
```

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

```
.border{ border-color:rgb(188, 153, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 153, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 153, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 153, 178);  
box-shadow:4px 4px 4px 4px rgb(188, 153,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 19.061, 334.972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 153, 178) }
```

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

```
.background{ background-color: rgb(188,  
153, 178) }
```

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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