

Converting Colors

CIELCh(67, 17.367, 335.616)

Have a look what the booklet for
CIELCh(67, 17.367, 335.616)
contains.

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Color

CIELCh(67, 17.124, 335.982)

Conversions

Conversions Part 1

Format	Color
Hex	BA9AB0
RGB	186, 154, 176
RGB Percent	73%, 60%, 69%
CMY	0.2710, 0.3965, 0.3102
CMYK	0.00, 0.17, 0.05, 0.27
HSL	319°, 19%, 67%
HSV	319°, 17%, 73%
XYZ	39.5869, 36.6320, 46.0024
YIQ	166.0760, 12.0100, 13.6260

Conversions

Conversions Part 2

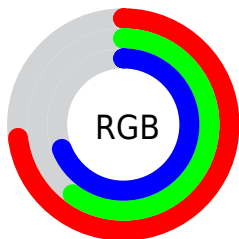
Format	Color
R_{YB}	186, 154, 176
Decimal	12229296
CIE _{Lab}	67.00, 15.64, -6.97
CIE _{LCh}	67, 17.124, 335.982
Yxy	36.6320, 0.3239, 0.2997
Android (android.graphics.Color)	4290419376 (0xFFBA9AB0)
YUV	166.0760, 4.8925, 17.4733
Hunter-Lab	60.5244, 10.8330, -2.6972

Details

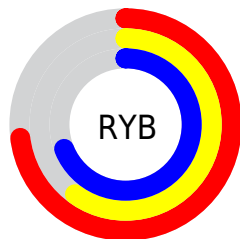
The CIELCh color $67, 17.124, 335.982$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $73, 16.988, 153.539$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 16.888, 335.338$, and $47, 17.258, 335.811$ is the 20% darker color. If you saturate the color by 10%, you get $62, 27.150, 336.754$, and if you desaturate by 10%, it is $72, 7.123, 335.241$.

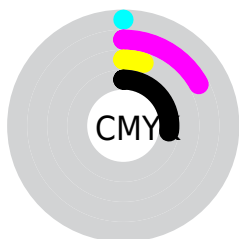
Distribution



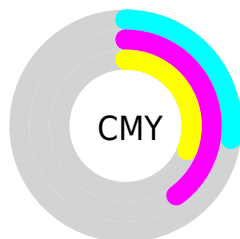
- Red (73%)
- Green (60%)
- Blue (69%)



- Red (73%)
- Yellow (60%)
- Blue (69%)



- Cyan (0%)
- Magenta (17%)
- Yellow (5%)
- Black (27%)




- Cyan (27%)
- Magenta (40%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 17.124, 335.982 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, 17.124, 335.982 by changing the saturation by 10% instead.


 67, 17.124,
335.982


 67, 17.124,
335.982


 100, 17.124,
335.982


 57, 17.124,
335.982


 87, 17.124,
335.982

 47, 17.124,
335.982

 97, 17.124,
335.982

 37, 17.124,
335.982

 27, 17.124,
335.982

 17, 17.124,
335.982

 7, 17.124, 335.982

 0, 17.124, 335.982

67, 17.124,
335.982

67, 17.124,
335.982

62, 27.150,
336.754

72, 7.123, 335.241

58, 37.007,
337.579

77, 2.717, 154.735

54, 46.400,
338.473

82, 12.322,
154.010

50, 54.939,
339.459

87, 21.652,
153.404

47, 62.159,
340.574

92, 30.694,
152.840

44, 67.589,
341.868

95, 33.338,
154.537


42, 70.879,
343.414

95, 31.227,
158.331

41, 72.037,

95, 29.246,
162.633

345.279

 95, 27.428,
167.507

 41, 72.218,
345.828

Harmonies

Complementary

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



67, 17.124, 335.982



73, 16.988, 153.539

Rectangle

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



67, 17.124, 335.982



67, 17.124, 25.982



67, 17.124, 155.982



67, 17.124, 205.982

Sweetspot

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



67, 17.122, 335.983



92, 6.115, 335.076



65, 18.191, 302.866



49, 4.208, 335.132



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, 17.122, 335.983



83, 25.955, 336.297



67, 12.961, 4.913



36, 5.550, 335.400



34, 63.474, 345.511



3, 13.918, 340.021

Inverse Universe

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



67, 17.122, 335.983



83, 25.955, 336.297



73, 12.106, 181.747



36, 5.550, 335.400



34, 63.474, 345.511



3, 13.918, 340.021

Previews

White Background



This preview shows how the CIELCh color 67, 17.124, 335.982 looks on a white background.

Color Contrast Check

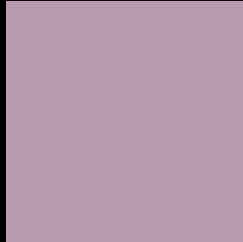
Large Text (above 18pt) WCAG AA × Fail

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, 17.124, 335.982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

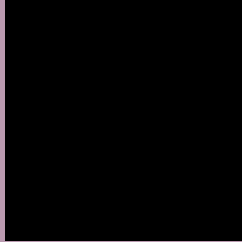
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 17.124, 335.982

Background



This preview shows how black text looks on a background with the CIELCh color 67, 17.124, 335.982.



This preview shows how white text looks on a background with the CIELCh color 67, 17.124, 335.982.

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, 17.124, 335.982

Protanopia

67, 10.504, 289.291

Deuteranopia

67, 10.518, 323.193



Tritanopia
67, 13.289, 350.902

Trichromacy



Original Color
67, 17.124, 335.982

Protanomaly
67, 11.838, 311.263

Deuteranomaly
67, 12.733, 329.284

Tritanomaly
67, 14.130, 345.012

Monochromacy



Original Color
67, 17.124, 335.982

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.092, 333.572

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 17.124, 335.982 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(186, 154, 176)` looks like.

```
.text, #text, p{  
    color:rgb(186, 154, 176)  
}
```

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(186, 154, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 154, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 17.124, 335.982 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(186, 154, 176) }
```

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

```
.border{ border-color:rgb(186, 154, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 154, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 154, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 154, 176);  
box-shadow:4px 4px 4px 4px rgb(186, 154,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 17.124, 335.982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 154, 176) }
```

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

```
.background{ background-color: rgb(186,  
154, 176) }
```

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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