

Converting Colors

CIELCh(67, 18.486, 330.212)

Have a look what the booklet for
CIELCh(67, 18.486, 330.212)
contains.

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Color

CIELCh(67, 18.467, 330.207)

Conversions

Conversions Part 1

Format	Color
Hex	B99AB4
RGB	185, 154, 180
RGB Percent	73%, 60%, 71%
CMY	0.2752, 0.3968, 0.2948
CMYK	0.00, 0.17, 0.03, 0.28
HSL	310°, 18%, 66%
HSV	310°, 17%, 72%
XYZ	39.7094, 36.6320, 48.0608
YIQ	166.2330, 10.1300, 14.6580

Conversions

Conversions Part 2

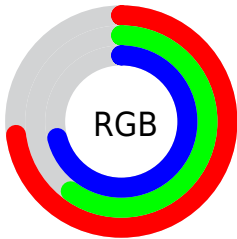
Format	Color
R _Y B	185, 154, 180
Decimal	12163764
CIE Lab	67.00, 16.03, -9.18
CIE LCh	67, 18.467, 330.207
Yxy	36.6320, 0.3192, 0.2945
Android (android.graphics.Color)	4290353844 (0xFFB99AB4)
YUV	166.2330, 6.7871, 16.4587
Hunter-Lab	60.5244, 11.1943, -4.7136

Details

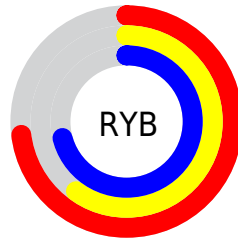
The CIELCh color $67, 18.467, 330.207$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $72, 18.414, 148.114$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 18.178, 329.834$, and $47, 18.260, 330.880$ is the 20% darker color. If you saturate the color by 10%, you get $62, 29.517, 330.838$, and if you desaturate by 10%, it is $72, 7.412, 329.577$.

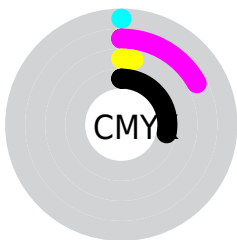
Distribution



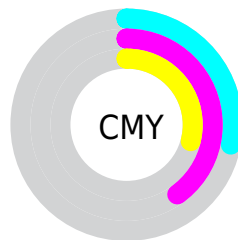
- Red (73%)
- Green (60%)
- Blue (71%)



- Red (73%)
- Yellow (60%)
- Blue (71%)



- Cyan (0%)
- Magenta (17%)
- Yellow (3%)
- Black (28%)



- Cyan (28%)
- Magenta (40%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 18.467, 330.207 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, 18.467, 330.207 by changing the saturation by 10% instead.

 67, 18.467,
330.207

 67, 18.467,
330.207


 100, 18.467,
330.207


 57, 18.467,
330.207


 87, 18.467,
330.207

 47, 18.467,
330.207

 97, 18.467,
330.207

 37, 18.467,
330.207

 27, 18.467,
330.207

 17, 18.467,
330.207

 7, 18.467, 330.207

 0, 18.467, 330.207

67, 18.467,
330.207

67, 18.467,
330.207

62, 29.517,
330.838

72, 7.412, 329.577

58, 40.348,
331.476

77, 3.494, 149.107

54, 50.648,
332.123

82, 14.165,
148.482

50, 60.015,
332.776

87, 24.549,
147.933

47, 67.980,
333.440

92, 34.626,
147.416

45, 74.081,
334.123

94, 38.661,
147.906


43, 77.982,
334.845


94, 37.469,
149.349

42, 79.665,

94, 36.295,
150.879

335.630

 94, 35.142,
152.505

 42, 80.005,
335.891

Harmonies

Complementary

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



67, 18.467, 330.207



72, 18.414, 148.114

Rectangle

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



67, 18.467, 330.207



67, 18.467, 20.207



67, 18.467, 150.207



67, 18.467, 200.207

Sweetspot

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



67, 18.465, 330.208



92, 6.757, 329.464



65, 17.379, 297.434



48, 4.609, 329.511



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 18.465, 330.208



83, 27.233, 330.431



67, 13.370, 354.185



36, 6.181, 329.741



35, 70.551, 335.772



3, 15.975, 331.924

Inverse Universe

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



67, 18.465, 330.208



83, 27.233, 330.431



73, 12.850, 171.065



36, 6.181, 329.741



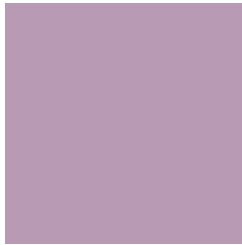
35, 70.551, 335.772



3, 15.975, 331.924

Previews

White Background



This preview shows how the CIELCh color 67, 18.467, 330.207 looks on a white background.

Color Contrast Check

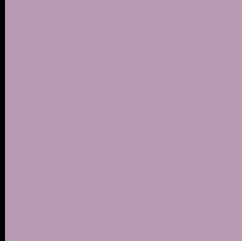
Large Text (above 18pt) WCAG AA × Fail

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, 18.467, 330.207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

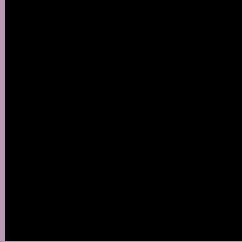
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 18.467, 330.207

Background



This preview shows how black text looks on a background with the CIELCh color 67, 18.467, 330.207.



This preview shows how white text looks on a background with the CIELCh color 67, 18.467, 330.207.

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, 18.467, 330.207

Protanopia

67, 12.719, 288.268

Deuteranopia

67, 12.113, 314.577



Tritanopia
67, 12.282, 348.045

Trichromacy



Original Color
67, 18.467, 330.207

Protanomaly
67, 13.827, 306.754

Deuteranomaly
67, 14.308, 322.550

Tritanomaly
67, 14.478, 340.486

Monochromacy



Original Color
67, 18.467, 330.207

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.501, 330.241

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 18.467, 330.207 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(185, 154, 180)` looks like.

```
.text, #text, p{  
    color:rgb(185, 154, 180)  
}
```

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(185, 154, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 154, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 18.467, 330.207 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(185, 154, 180) }
```

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

```
.border{ border-color:rgb(185, 154, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 154, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 154, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 154, 180);  
box-shadow:4px 4px 4px 4px rgb(185, 154,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 18.467, 330.207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 154, 180) }
```

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

```
.background{ background-color: rgb(185,  
154, 180) }
```

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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