

Converting Colors

CIELCh(67, 14.657, 311.392)

Have a look what the booklet for
CIELCh(67, 14.657, 311.392)
contains.

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Color

CIELCh(67, 14.816, 311.714)

Conversions

Conversions Part 1

Format	Color
Hex	AC9EB7
RGB	172, 158, 183
RGB Percent	67%, 62%, 72%
CMY	0.3256, 0.3805, 0.2824
CMYK	0.06, 0.14, 0.00, 0.28
HSL	274°, 15%, 67%
HSV	274°, 14%, 72%
XYZ	37.7760, 36.6320, 49.8669
YIQ	165.0360, 0.3190, 10.7430

Conversions

Conversions Part 2

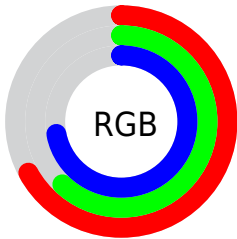
Format	Color
R_{YB}	172, 158, 183
Decimal	11312823
CIE Lab	67.00, 9.86, -11.06
CIE LCh	67, 14.816, 311.714
Yxy	36.6320, 0.3040, 0.2948
Android (android.graphics.Color)	4289502903 (0xFFAC9EB7)
YUV	165.0360, 8.8563, 6.1074
Hunter-Lab	60.5244, 5.4925, -6.4829

Details

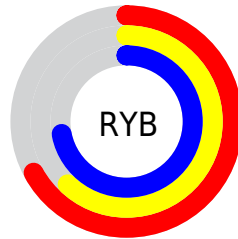
The CIELCh color $67, 14.816, 311.714$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $73, 14.576, 130.558$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 14.540, 310.868$, and $47, 14.592, 312.052$ is the 20% darker color. If you saturate the color by 10%, you get $62, 25.969, 312.181$, and if you desaturate by 10%, it is $72, 3.923, 311.254$.

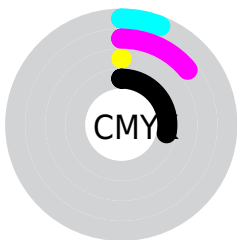
Distribution



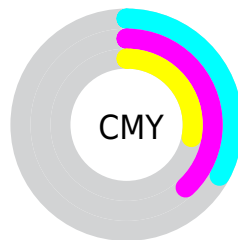
- Red (67%)
- Green (62%)
- Blue (72%)



- Red (67%)
- Yellow (62%)
- Blue (72%)



- Cyan (6%)
- Magenta (14%)
- Yellow (0%)
- Black (28%)





- Cyan (33%)
- Magenta (38%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 14.816, 311.714 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, 14.816, 311.714 by changing the saturation by 10% instead.


 67, 14.816,
311.714


 67, 14.816,
311.714


 100, 14.816,
311.714


 57, 14.816,
311.714


 87, 14.816,
311.714


 47, 14.816,
311.714


 97, 14.816,
311.714

 37, 14.816,
311.714

 27, 14.816,
311.714

 17, 14.816,
311.714

 7, 14.816, 311.714

 0, 14.816, 311.714

67, 14.816,
311.714

67, 14.816,
311.714

62, 25.969,
312.181

72, 3.923, 311.254

56, 37.314,
312.666

78, 6.670, 130.907

83, 16.949,
130.534

51, 48.712,
313.147

89, 26.917,
130.208

46, 59.934,
313.592

94, 36.581,
129.919

42, 70.613,
313.951

96, 38.656,
127.097

37, 80.214,
314.153

97, 37.689,
122.912

34, 88.060,
314.106

97, 36.940,
118.456

31, 93.491,

313.716

■ 98, 36.436,
113.778

■ 30, 96.001,
313.355

Harmonies

Complementary

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



67, 14.816, 311.714



73, 14.576, 130.558

Rectangle

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



67, 14.816, 311.714



67, 14.816, 1.714



67, 14.816, 131.714



67, 14.816, 181.714

Sweetspot

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



67, 14.814, 311.713



91, 5.293, 311.274



69, 8.477, 262.533



48, 3.795, 311.310



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, 14.814, 311.713



83, 21.491, 311.833



68, 16.096, 326.551



36, 6.127, 311.517



25, 85.052, 313.495



2, 16.124, 306.973

Inverse Universe

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



68, 11.324, 348.198



84, 16.428, 348.458



72, 16.074, 144.986



36, 4.682, 347.776



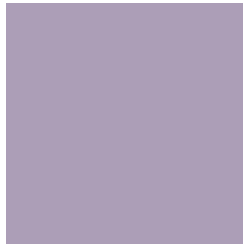
33, 58.362, 7.065



2, 11.833, 354.194

Previews

White Background



This preview shows how the CIELCh color 67, 14.816, 311.714 looks on a white background.

Color Contrast Check

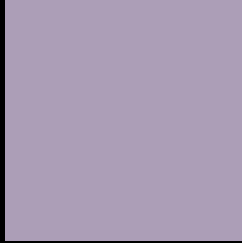
Large Text (above 18pt) WCAG AA × Fail

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, 14.816, 311.714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

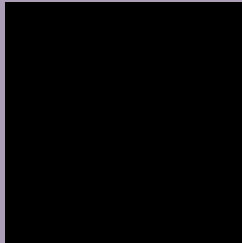
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 14.816, 311.714

Background



This preview shows how black text looks on a background with the CIELCh color 67, 14.816, 311.714.



This preview shows how white text looks on a background with the CIELCh color 67, 14.816, 311.714.

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, 14.816, 311.714

Protanopia

67, 12.738, 286.672

Deuteranopia

67, 13.928, 308.212



Tritanopia
67, 7.660, 320.084

Trichromacy



Original Color
67, 14.816, 311.714

Protanomaly
67, 12.786, 296.326

Deuteranomaly
67, 14.039, 309.651

Tritanomaly
67, 10.457, 316.303

Monochromacy



Original Color
67, 14.816, 311.714

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 5.991, 312.698

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 14.816, 311.714 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(172, 158, 183)` looks like.

```
.text, #text, p{  
    color:rgb(172, 158, 183)  
}
```

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(172, 158, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 158, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 14.816, 311.714 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(172, 158, 183) }
```

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

```
.border{ border-color:rgb(172, 158, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 158, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 158, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 158, 183);  
box-shadow:4px 4px 4px 4px rgb(172, 158,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 14.816, 311.714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 158, 183) }
```

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

```
.background{ background-color: rgb(172,  
158, 183) }
```

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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