

Converting Colors

CIELCh(67, 42.195, 311.646)

Have a look what the booklet for
CIELCh(67, 42.195, 311.646)
contains.

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Color

CIELCh(67, 41.909, 311.590)

Conversions

Conversions Part 1

Format	Color
Hex	BA94DC
RGB	186, 148, 220
RGB Percent	73%, 58%, 86%
CMY	0.2718, 0.4208, 0.1385
CMYK	0.15, 0.33, 0.00, 0.14
HSL	272°, 50%, 72%
HSV	272°, 33%, 86%
XYZ	43.5877, 36.6320, 72.2547
YIQ	167.5700, -0.4640, 30.4480

Conversions

Conversions Part 2

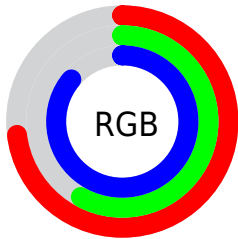
Format	Color
R _{YB}	186, 148, 220
Decimal	12227804
CIE _{Lab}	67.00, 27.82, -31.34
CIE _{LCh}	67, 41.909, 311.590
Y _{xy}	36.6320, 0.2859, 0.2402
Android (android.graphics.Color)	4290417884 (0xFFBA94DC)
Y _{UV}	167.5700, 25.8480, 16.1631
Hunter-Lab	60.5244, 22.6323, -28.4141

Details

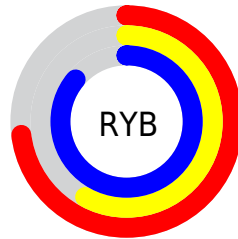
The CIELCh color $67, 41.909, 311.590$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $83, 40.134, 128.516$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 31.253, 318.926$, and $47, 41.963, 311.570$ is the 20% darker color. If you saturate the color by 10%, you get $61, 55.134, 312.107$, and if you desaturate by 10%, it is $73, 28.794, 311.078$.

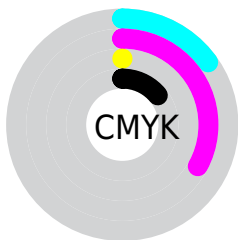
Distribution



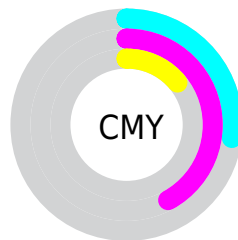
- Red (73%)
- Green (58%)
- Blue (86%)



- Red (73%)
- Yellow (58%)
- Blue (86%)



- Cyan (15%)
- Magenta (33%)
- Yellow (0%)
- Black (14%)





- Cyan (27%)
- Magenta (42%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 41.909, 311.590 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, 41.909, 311.590 by changing the saturation by 10% instead.

 67, 41.909,
311.590


 67, 41.909,
311.590


 100, 41.909,
311.590

 57, 41.909,
311.590


 87, 41.909,
311.590

 47, 41.909,
311.590

 97, 41.909,
311.590

 37, 41.909,
311.590

 27, 41.909,
311.590

 17, 41.909,
311.590

 7, 41.909, 311.590

 0, 41.909, 311.590

67, 41.909,
311.590

67, 41.909,
311.590

61, 55.134,
312.107

73, 28.794,
311.078

55, 68.222,
312.596

80, 15.936,
310.589

50, 80.753,
313.006

86, 3.410, 310.109

45, 92.099,
313.258

92, 8.753, 129.757

41, 101.434,
313.254

98, 19.048,
128.232

37, 107.918,
312.885

99, 18.082,
117.053

36, 110.957,
312.418

99, 17.865,
108.826

Harmonies

Complementary

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



67, 41.909, 311.590



83, 40.134, 128.516

Rectangle

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



67, 41.909, 311.590



67, 41.909, 1.590



67, 41.909, 131.590



67, 41.909, 181.590

Sweetspot

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



67, 41.907, 311.590



93, 14.039, 310.463



73, 22.670, 262.536



48, 9.597, 310.529



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, 41.907, 311.590



72, 56.618, 311.930



70, 45.766, 326.676



43, 7.046, 310.432



28, 92.852, 312.599



4, 31.455, 310.519

Inverse Universe

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



69, 32.646, 348.388



76, 43.850, 349.220



82, 45.791, 142.526



43, 5.536, 345.934



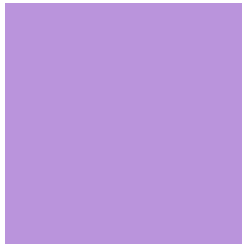
37, 63.280, 4.421



6, 24.808, 356.457

Previews

White Background



This preview shows how the CIELCh color 67, 41.909, 311.590 looks on a white background.

Color Contrast Check

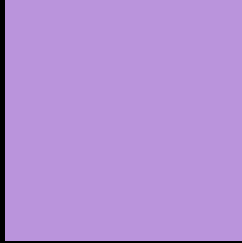
Large Text (above 18pt) WCAG AA × Fail

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, 41.909, 311.590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

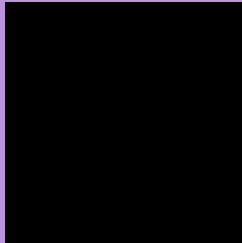
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 41.909, 311.590

Background



This preview shows how black text looks on a background with the CIELCh color 67, 41.909, 311.590.



This preview shows how white text looks on a background with the CIELCh color 67, 41.909, 311.590.

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, 41.909, 311.590

Protanopia

67, 38.301, 285.337

Deuteranopia

67, 31.048, 286.194



Tritanopia
67, 10.104, 339.443

Trichromacy



Original Color
67, 41.909, 311.590

Protanomaly
67, 38.758, 294.964

Deuteranomaly
67, 34.432, 296.856

Tritanomaly
67, 21.300, 319.419

Monochromacy



Original Color
67, 41.909, 311.590

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 15.299, 311.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 41.909, 311.590 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, 148, 220)` looks like.

```
.text, #text, p{  
    color:rgb(186, 148, 220)  
}
```

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, 148, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 148, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 41.909, 311.590 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, 148, 220) }
```

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

```
.border{ border-color:rgb(186, 148, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 148, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 148, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 148, 220);  
box-shadow:4px 4px 4px 4px rgb(186, 148,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 41.909, 311.590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 148, 220) }
```

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

```
.background{ background-color: rgb(186,  
148, 220) }
```

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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