

Converting Colors

CIELCh(67, 26.566, 316.675)

Have a look what the booklet for
CIELCh(67, 26.566, 316.675)
contains.

CIELCh(67, 26.838, 316.825)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(67, 26.838, 316.825)

Conversions

Conversions Part 1

Format	Color
Hex	B798C4
RGB	183, 152, 196
RGB Percent	72%, 60%, 77%
CMY	0.2813, 0.4029, 0.2304
CMYK	0.07, 0.22, 0.00, 0.23
HSL	282°, 27%, 68%
HSV	282°, 22%, 77%
XYZ	40.8503, 36.6320, 57.2954
YIQ	166.2850, 4.3520, 20.2560

Conversions

Conversions Part 2

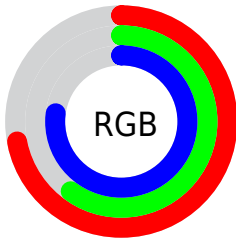
Format	Color
RYB	183, 152, 196
Decimal	12032196
CIELab	67.00, 19.57, -18.36
CIELCh	67, 26.838, 316.825
Yxy	36.6320, 0.3031, 0.2718
Android (android.graphics.Color)	4290222276 (0xFFB798C4)
YUV	166.2850, 14.6495, 14.6591
Hunter-Lab	60.5244, 14.5590, -13.7598

Details

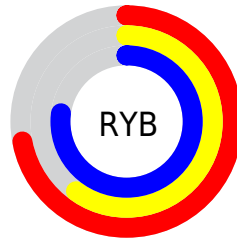
The CIELCh color $67, 26.838, 316.825$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $76, 26.398, 134.852$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 27.227, 316.590$, and $47, 26.658, 317.162$ is the 20% darker color. If you saturate the color by 10%, you get $62, 39.035, 317.259$, and if you desaturate by 10%, it is $72, 14.735, 316.386$.

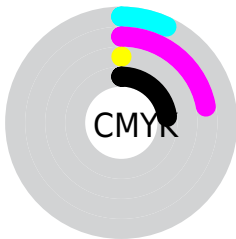
Distribution



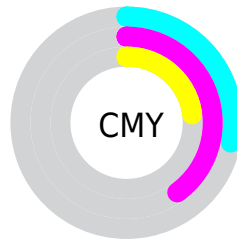
- Red (72%)
- Green (60%)
- Blue (77%)



- Red (72%)
- Yellow (60%)
- Blue (77%)



- Cyan (7%)
- Magenta (22%)
- Yellow (0%)
- Black (23%)





- Cyan (28%)
- Magenta (40%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 26.838, 316.825 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, 26.838, 316.825 by changing the saturation by 10% instead.

 67, 26.838,
316.825


 67, 26.838,
316.825


 100, 26.838,
316.825


 57, 26.838,
316.825


 87, 26.838,
316.825

 47, 26.838,
316.825

 97, 26.838,
316.825

 37, 26.838,
316.825

 27, 26.838,
316.825

 17, 26.838,
316.825

 7, 26.838, 316.825

 0, 26.838, 316.825

67, 26.838,
316.825

67, 26.838,
316.825

62, 39.035,
317.259

72, 14.735,
316.386

57, 51.141,
317.671

78, 2.849, 315.915

83, 8.756, 135.602

52, 62.857,
318.029

89, 20.046,
135.220

47, 73.759,
318.290

95, 31.010,
134.877

44, 83.290,
318.399

96, 32.817,
132.408

40, 90.828,
318.293


97, 31.954,
129.075

38, 95.856,
317.911

97, 31.205,
125.519

37, 98.267,

317.470

 97, 30.584,
121.756

Harmonies

Complementary

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



67, 26.838, 316.825



76, 26.398, 134.852

Rectangle

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



67, 26.838, 316.825



67, 26.838, 6.825



67, 26.838, 136.825



67, 26.838, 186.825

Sweetspot

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



67, 26.836, 316.825



95, 10.213, 316.151



68, 17.442, 276.878



50, 6.640, 316.179



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, 26.836, 316.825



82, 40.104, 317.043



68, 25.275, 331.935



38, 6.634, 316.251



30, 84.646, 317.608



3, 21.241, 313.337

Inverse Universe

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



67, 18.475, 358.585



82, 27.739, 359.227



75, 25.170, 148.939



38, 4.508, 357.101



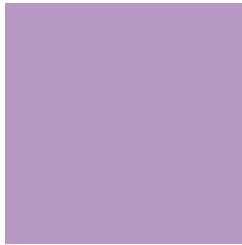
33, 61.988, 20.857



3, 14.597, 3.708

Previews

White Background



This preview shows how the CIELCh color 67, 26.838, 316.825 looks on a white background.

Color Contrast Check

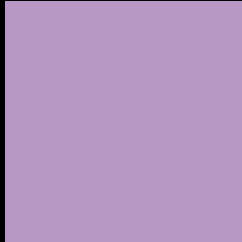
Large Text (above 18pt) WCAG AA × Fail

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, 26.838, 316.825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

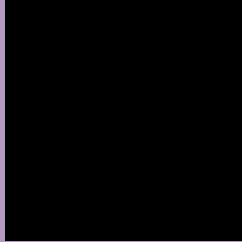
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 26.838, 316.825

Background



This preview shows how black text looks on a background with the CIELCh color 67, 26.838, 316.825.

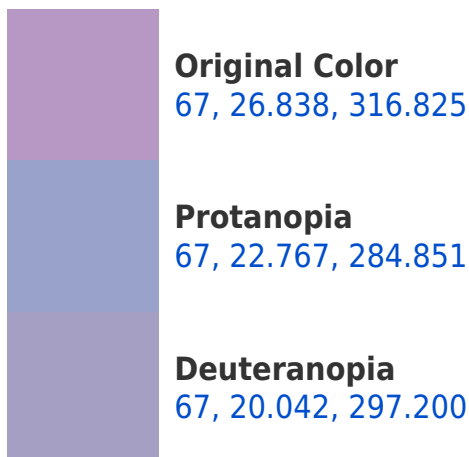



This preview shows how white text looks on a background with the CIELCh color 67, 26.838, 316.825.

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





Tritanopia
67, 10.703, 342.230

Trichromacy



Original Color
67, 26.838, 316.825

Protanomaly
67, 23.945, 297.520

Deuteranomaly
67, 21.694, 305.435

Tritanomaly
67, 16.474, 327.378

Monochromacy



Original Color
67, 26.838, 316.825

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 9.768, 315.689

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 26.838, 316.825 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(183, 152, 196)` looks like.

```
.text, #text, p{  
    color:rgb(183, 152, 196)  
}
```

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(183, 152, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 152, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 26.838, 316.825 is called "border". The border property can be set on classes, ids or directly on the HTML element.

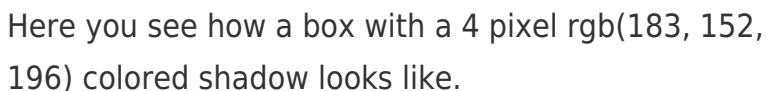
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 152, 196) }
```

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

```
.border{ border-color:rgb(183, 152, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 152, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 152, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 152, 196);  
box-shadow:4px 4px 4px 4px rgb(183, 152,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 26.838, 316.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 152, 196) }
```

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

```
.background{ background-color: rgb(183,  
152, 196) }
```

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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