

Converting Colors

CIELCh(67, 30.571, 309.179)

Have a look what the booklet for
CIELCh(67, 30.571, 309.179)
contains.

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Color

CIELCh(67, 30.704, 309.348)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B299CE |
| RGB | 178, 153, 206 |
| RGB Percent | 70%, 60%, 81% |
| CMY | 0.3025, 0.4005, 0.1927 |
| CMYK | 0.14, 0.26, 0.00, 0.19 |
| HSL | 268°, 35%, 70% |
| HSV | 268°, 26%, 81% |
| XYZ | 40.8162, 36.6320, 63.2159 |
| YIQ | 166.5170, -2.1130, 21.7830 |

Conversions

Conversions Part 2

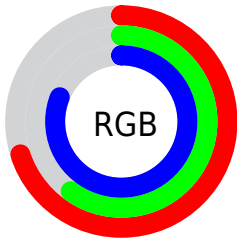
| Format | Color |
|-------------------------------------|--|
| RYB | 178, 153, 206 |
| Decimal | 11704782 |
| CIELab | 67.00, 19.47, -23.74 |
| CIElCh | 67, 30.704, 309.348 |
| Yxy | 36.6320, 0.2902, 0.2604 |
| Android (android.graphics.Color) | 4289894862 (0xFFB299CE) |
| YUV | 166.5170, 19.4651, 10.0706 |
| Hunter-Lab | 60.5244, 14.4586, -19.5596 |

Details

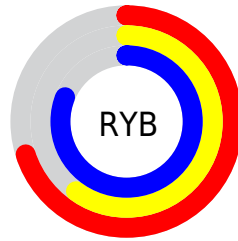
The CIELCh color $67, 30.704, 309.348$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $80, 29.563, 126.865$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 26.926, 312.055$, and $47, 30.842, 309.324$ is the 20% darker color. If you saturate the color by 10%, you get $61, 43.147, 309.914$, and if you desaturate by 10%, it is $73, 18.516, 308.813$.

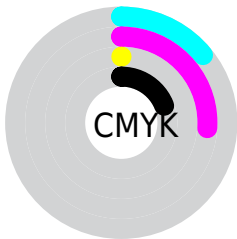
Distribution



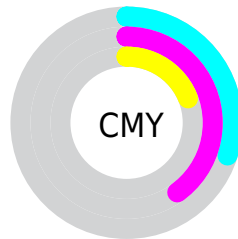
- Red (70%)
- Green (60%)
- Blue (81%)



- Red (70%)
- Yellow (60%)
- Blue (81%)



- Cyan (14%)
- Magenta (26%)
- Yellow (0%)
- Black (19%)




- Cyan (30%)
- Magenta (40%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 30.704, 309.348 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, 30.704, 309.348 by changing the saturation by 10% instead.


 67, 30.704,
309.348


 67, 30.704,
309.348


 100, 30.704,
309.348


 57, 30.704,
309.348

 87, 30.704,
309.348

 47, 30.704,
309.348

 97, 30.704,
309.348

 37, 30.704,
309.348

 27, 30.704,
309.348

 17, 30.704,
309.348

 7, 30.704, 309.348

 0, 30.704, 309.348

67, 30.704,
309.348

67, 30.704,
309.348

61, 43.147,
309.914

73, 18.516,
308.813

55, 55.715,
310.492

79, 6.658, 308.315

49, 68.154,
311.046

85, 4.844, 127.915

44, 80.039,
311.515

91, 15.984,
127.507

40, 90.718,
311.811

97, 26.312,
126.865

36, 99.328,
311.817

98, 25.250,
118.367

33, 105.040,
311.416

99, 24.815,
109.174

32, 106.921,

99, 24.809,
108.296

Harmonies

Complementary

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



67, 30.704, 309.348



80, 29.563, 126.865

Rectangle

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



67, 30.704, 309.348



67, 30.704, 359.348



67, 30.704, 129.348



67, 30.704, 179.348

Sweetspot

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



67, 30.702, 309.348



94, 11.073, 308.431



72, 16.189, 255.503



49, 7.886, 308.505



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, 30.702, 309.348



78, 44.305, 309.664



69, 34.276, 324.888



40, 6.563, 308.494



25, 90.856, 311.363



2, 24.414, 305.604

Inverse Universe

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



69, 25.099, 344.406



80, 36.024, 344.996



78, 34.213, 141.905



40, 5.414, 342.873



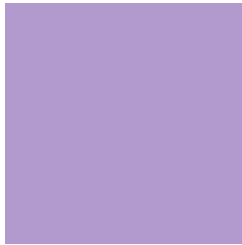
36, 61.801, 358.982



4, 20.218, 351.747

Previews

White Background



This preview shows how the CIELCh color 67, 30.704, 309.348 looks on a white background.

Color Contrast Check

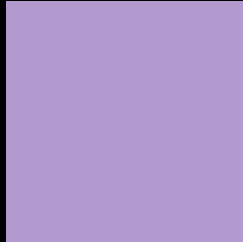
Large Text (above 18pt) WCAG AA × Fail

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, 30.704, 309.348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

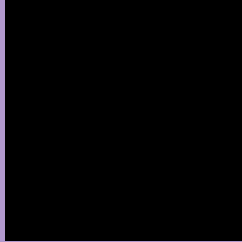
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 30.704, 309.348

Background



This preview shows how black text looks on a background with the CIELCh color 67, 30.704, 309.348.



This preview shows how white text looks on a background with the CIELCh color 67, 30.704, 309.348.

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, 30.704, 309.348

Protanopia
67, 28.301, 285.769

Deuteranopia
67, 24.329, 291.056



Tritanopia
67, 8.732, 324.823

Trichromacy



Original Color
67, 30.704, 309.348

Protanomaly
67, 28.808, 294.401

Deuteranomaly
67, 26.783, 298.678

Tritanomaly
67, 16.254, 314.068

Monochromacy



Original Color
67, 30.704, 309.348

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 11.051, 308.617

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 30.704, 309.348 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(178, 153, 206)` looks like.

```
.text, #text, p{  
    color:rgb(178, 153, 206)  
}
```

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(178, 153, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 153, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 30.704, 309.348 is called "border". The border property can be set on classes, ids or directly on the HTML element.

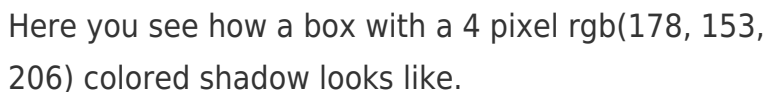
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(178, 153, 206) }
```

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

```
.border{ border-color:rgb(178, 153, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(178, 153, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 153, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 153, 206); box-shadow:4px 4px 4px 4px rgb(178, 153, 206) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 30.704, 309.348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 153, 206) }
```

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

```
.background{ background-color: rgb(178,  
153, 206) }
```

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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