

Converting Colors

CIELCh(67, 32.713, 303.113)

Have a look what the booklet for
CIELCh(67, 32.713, 303.113)
contains.

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Color

CIELCh(67, 32.740, 303.396)

Conversions

Conversions Part 1

Format	Color
Hex	AB9AD4
RGB	171, 154, 212
RGB Percent	67%, 60%, 83%
CMY	0.3285, 0.3952, 0.1677
CMYK	0.19, 0.27, 0.00, 0.17
HSL	258°, 40%, 72%
HSV	258°, 27%, 83%
XYZ	40.3485, 36.6320, 67.3855
YIQ	165.6950, -8.4860, 21.6420

Conversions

Conversions Part 2

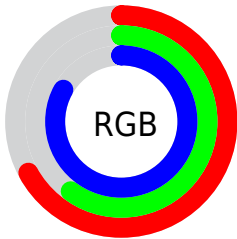
Format	Color
RYB	171, 154, 212
Decimal	11246292
CIELab	67.00, 18.02, -27.33
CIElCh	67, 32.740, 303.396
Yxy	36.6320, 0.2795, 0.2537
Android (android.graphics.Color)	4289436372 (0xFFAB9AD4)
YUV	165.6950, 22.8284, 4.6525
Hunter-Lab	60.5244, 13.0793, -23.6442

Details

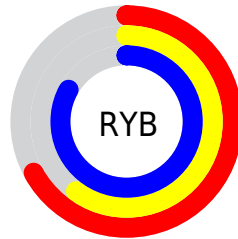
The CIELCh color $67, 32.740, 303.396$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $82, 30.995, 119.941$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 25.615, 306.639$, and $47, 32.536, 303.413$ is the 20% darker color. If you saturate the color by 10%, you get $60, 45.471, 304.236$, and if you desaturate by 10%, it is $74, 20.399, 302.641$.

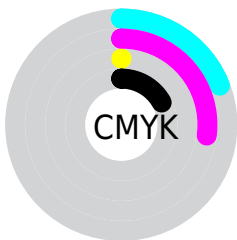
Distribution



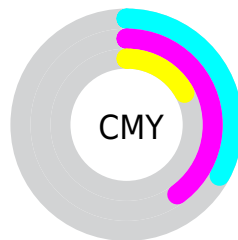
- Red (67%)
- Green (60%)
- Blue (83%)



- Red (67%)
- Yellow (60%)
- Blue (83%)



- Cyan (19%)
- Magenta (27%)
- Yellow (0%)
- Black (17%)





- Cyan (33%)
- Magenta (40%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 32.740, 303.396 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, 32.740, 303.396 by changing the saturation by 10% instead.

 67, 32.740,
303.396


 67, 32.740,
303.396


 100, 32.740,
303.396


 57, 32.740,
303.396

 87, 32.740,
303.396

 47, 32.740,
303.396

 97, 32.740,
303.396

 37, 32.740,
303.396

 27, 32.740,
303.396

 17, 32.740,
303.396

 7, 32.740, 303.396

 0, 32.740, 303.396

67, 32.740,
303.396

67, 32.740,
303.396

60, 45.471,
304.236

74, 20.399,
302.641

54, 58.508,
305.149

80, 8.482, 301.972

87, 3.015, 121.412

48, 71.645,
306.099

93, 14.106,
120.894

42, 84.464,
307.017

98, 21.885,
117.038

37, 96.212,
307.782

99, 21.607,
108.541

32, 105.753,
308.223

30, 111.955,
308.182

29, 113.317,

Harmonies

Complementary

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



67, 32.740, 303.396



82, 30.995, 119.941

Rectangle

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



67, 32.740, 303.396



67, 32.740, 353.396



67, 32.740, 123.396



67, 32.740, 173.396

Sweetspot

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



67, 32.738, 303.396



94, 10.752, 302.020



77, 16.155, 231.900



49, 7.661, 302.117



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, 32.738, 303.396



75, 46.345, 303.891



70, 35.611, 319.508



42, 6.637, 302.106



22, 96.237, 308.290



2, 28.053, 301.394

Inverse Universe

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



70, 30.784, 335.951



80, 43.073, 336.429



81, 35.124, 136.919



42, 6.391, 334.616



38, 68.754, 344.259



6, 26.593, 340.703

Previews

White Background



This preview shows how the CIELCh color 67, 32.740, 303.396 looks on a white background.

Color Contrast Check

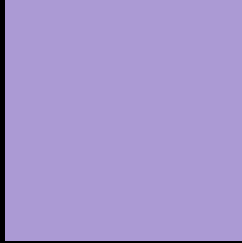
Large Text (above 18pt) WCAG AA × Fail

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, 32.740, 303.396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

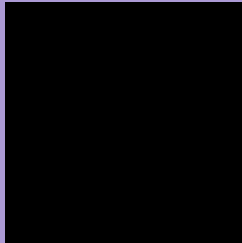
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 32.740, 303.396

Background



This preview shows how black text looks on a background with the CIELCh color 67, 32.740, 303.396.



This preview shows how white text looks on a background with the CIELCh color 67, 32.740, 303.396.

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, 7.297, 299.661

Trichromacy



Original Color
67, 32.740, 303.396

Protanomaly
67, 30.958, 291.485

Deuteranomaly
67, 29.358, 294.424

Tritanomaly
67, 16.357, 301.877

Monochromacy



Original Color
67, 32.740, 303.396

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 11.835, 301.962

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 32.740, 303.396 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(171, 154, 212)` looks like.

```
.text, #text, p{  
    color:rgb(171, 154, 212)  
}
```

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(171, 154, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 154, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 32.740, 303.396 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(171, 154, 212) }
```

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

```
.border{ border-color:rgb(171, 154, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 154, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 154, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 154, 212);  
box-shadow:4px 4px 4px 4px rgb(171, 154,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 32.740, 303.396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 154, 212) }
```

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

```
.background{ background-color: rgb(171,  
154, 212) }
```

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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