

Converting Colors

CIELCh(67, 26.564, 323.516)

Have a look what the booklet for
CIELCh(67, 26.564, 323.516)
contains.

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Color

CIELCh(67, 26.564, 323.516)

Conversions

Conversions Part 1

Format	Color
Hex	BD97C0
RGB	189, 151, 192
RGB Percent	74%, 59%, 75%
CMY	0.2598, 0.4088, 0.2481
CMYK	0.02, 0.21, 0.00, 0.25
HSL	296°, 24%, 67%
HSV	296°, 21%, 75%
XYZ	41.4331, 36.6320, 54.6045
YIQ	167.0360, 9.4870, 20.8070

Conversions

Conversions Part 2

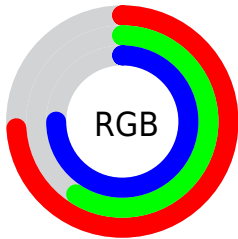
Format	Color
RYB	189, 151, 192
Decimal	12425152
CIELab	67.00, 21.36, -15.79
CIELCh	67, 26.564, 323.516
Yxy	36.6320, 0.3123, 0.2761
Android (android.graphics.Color)	4290615232 (0xFFBD97C0)
YUV	167.0360, 12.3073, 19.2624
Hunter-Lab	60.5244, 16.2779, -11.1238

Details

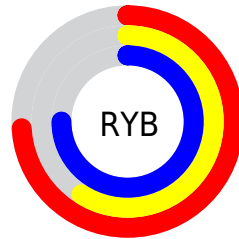
The CIELCh color $67, 26.564, 323.516$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74, 26.466, 141.224$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 26.725, 324.088$, and $47, 26.139, 323.617$ is the 20% darker color. If you saturate the color by 10%, you get $62, 38.981, 324.004$, and if you desaturate by 10%, it is $72, 14.072, 323.011$.

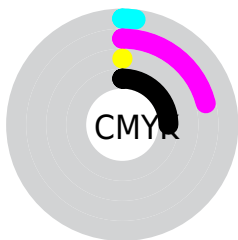
Distribution



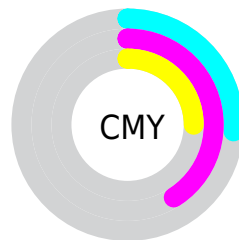
- Red (74%)
- Green (59%)
- Blue (75%)



- Red (74%)
- Yellow (59%)
- Blue (75%)



- Cyan (2%)
- Magenta (21%)
- Yellow (0%)
- Black (25%)





- Cyan (26%)
- Magenta (41%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 26.564, 323.516 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, 26.564, 323.516 by changing the saturation by 10% instead.


 67, 26.564,
323.516


 67, 26.564,
323.516


 100, 26.564,
323.516


 57, 26.564,
323.516


 87, 26.564,
323.516

 47, 26.564,
323.516

 97, 26.564,
323.516

 37, 26.564,
323.516

 27, 26.564,
323.516

 17, 26.564,
323.516

 7, 26.564, 323.516

 0, 26.564, 323.516

67, 26.564,
323.516

67, 26.564,
323.516

62, 38.981,
324.004

72, 14.072,
323.011

58, 51.062,
324.460

77, 1.696, 322.393

54, 62.440,
324.864

82, 10.451,
142.068

50, 72.660,
325.192

87, 22.297,
141.588

48, 81.219,
325.420

92, 33.808,
141.140

45, 87.661,
325.524

95, 38.571,
140.632


44, 91.721,
325.490

95, 38.297,
140.053

43, 93.668,

95, 38.026,
139.464

325.369

 95, 37.759,
138.863

Harmonies

Complementary

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



67, 26.564, 323.516



74, 26.466, 141.224

Rectangle

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



67, 26.564, 323.516



67, 26.564, 13.516



67, 26.564, 143.516



67, 26.564, 193.516

Sweetspot

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



67, 26.562, 323.516



94, 9.171, 322.733



65, 20.940, 289.162



50, 6.085, 322.769



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67, 26.562, 323.516



82, 40.086, 323.765



67, 20.345, 341.119



38, 7.065, 322.907



36, 82.157, 325.406



4, 23.313, 323.153

Inverse Universe

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



66, 16.356, 15.215



81, 25.079, 15.811



74, 19.996, 157.664



38, 4.200, 14.001



33, 70.895, 36.676



3, 14.047, 15.410

Previews

White Background



This preview shows how the CIELCh color 67, 26.564, 323.516 looks on a white background.

Color Contrast Check

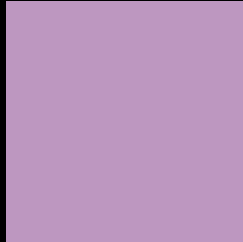
Large Text (above 18pt) WCAG AA × Fail

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, 26.564, 323.516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

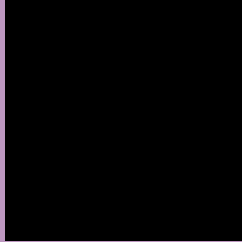
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 26.564, 323.516

Background



This preview shows how black text looks on a background with the CIELCh color 67, 26.564, 323.516.



This preview shows how white text looks on a background with the CIELCh color 67, 26.564, 323.516.

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, 26.564, 323.516

Protanopia

67, 20.520, 285.584

Deuteranopia

67, 17.387, 300.140



Tritanopia
67, 13.289, 350.902

Trichromacy



Original Color
67, 26.564, 323.516

Protanomaly
67, 21.335, 300.785

Deuteranomaly
67, 20.513, 310.395

Tritanomaly
67, 17.782, 335.623

Monochromacy



Original Color
67, 26.564, 323.516

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 9.833, 323.044

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 26.564, 323.516 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(189, 151, 192)` looks like.

```
.text, #text, p{  
    color:rgb(189, 151, 192)  
}
```

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(189, 151, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 151, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 26.564, 323.516 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(189, 151, 192) }
```

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

```
.border{ border-color:rgb(189, 151, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 151, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 151, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 151, 192);  
box-shadow:4px 4px 4px 4px rgb(189, 151,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 26.564, 323.516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 151, 192) }
```

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

```
.background{ background-color: rgb(189,  
151, 192) }
```

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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