

Converting Colors

CIELCh(67, 18.266, 343.639)

Have a look what the booklet for
CIELCh(67, 18.266, 343.639)
contains.

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Color

CIELCh(67, 18.793, 343.334)

Conversions

Conversions Part 1

Format	Color
Hex	BF98AD
RGB	191, 152, 173
RGB Percent	75%, 60%, 68%
CMY	0.2503, 0.4033, 0.3209
CMYK	0.00, 0.20, 0.09, 0.25
HSL	328°, 23%, 67%
HSV	328°, 20%, 75%
XYZ	40.3429, 36.6320, 44.5645
YIQ	166.0550, 16.5030, 14.7990

Conversions

Conversions Part 2

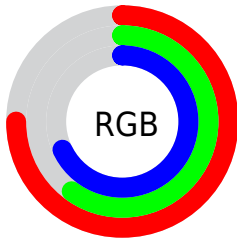
Format	Color
RYB	191, 152, 173
Decimal	12556461
CIELab	67.00, 18.00, -5.39
CIELCh	67, 18.793, 343.334
Yxy	36.6320, 0.3319, 0.3014
Android (android.graphics.Color)	4290746541 (0xFFBF98AD)
YUV	166.0550, 3.4239, 21.8768
Hunter-Lab	60.5244, 13.0628, -1.2886

Details

The CIELCh color $67, 18.793, 343.334$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $74, 18.401, 159.918$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 19.035, 343.814$, and $47, 18.703, 342.927$ is the 20% darker color. If you saturate the color by 10%, you get $62, 28.131, 344.324$, and if you desaturate by 10%, it is $72, 9.493, 342.434$.

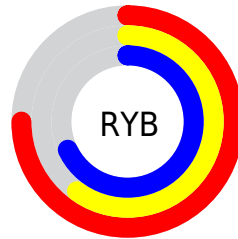
Distribution



Red (75%)

Green (60%)

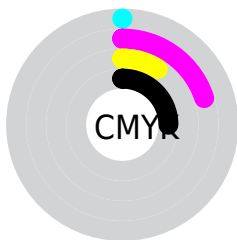
Blue (68%)



Red (75%)

Yellow (60%)

Blue (68%)

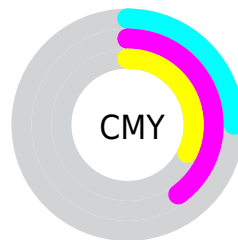


Cyan (0%)

Magenta (20%)

Yellow (9%)

Black (25%)



Cyan (25%)


Magenta (40%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 18.793, 343.334 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, 18.793, 343.334 by changing the saturation by 10% instead.


 67, 18.793,
343.334


 67, 18.793,
343.334


 100, 18.793,
343.334


 57, 18.793,
343.334


 87, 18.793,
343.334

 47, 18.793,
343.334

 97, 18.793,
343.334

 37, 18.793,
343.334

 27, 18.793,
343.334

 17, 18.793,
343.334

 7, 18.793, 343.334

 0, 18.793, 343.334

67, 18.793,
343.334

67, 18.793,
343.334

62, 28.131,
344.324

72, 9.493, 342.434

58, 37.307,
345.436

77, 0.369, 340.644

82, 8.508, 160.980

53, 46.015,
346.716

88, 17.102,
160.280

50, 53.851,
348.227

93, 25.403,
159.644

46, 60.347,
350.058

95, 26.649,
163.943

44, 65.062,
352.330


95, 24.082,
172.534

42, 67.742,
355.190

96, 22.114,
182.850

41, 68.793,

358.501

 96, 20.923,
194.710

Harmonies

Complementary

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



67, 18.793, 343.334



74, 18.401, 159.918

Rectangle

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



67, 18.793, 343.334



67, 18.793, 33.334



67, 18.793, 163.334



67, 18.793, 213.334

Sweetspot

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



67, 18.791, 343.336



94, 6.719, 342.051



66, 22.661, 308.311



50, 4.496, 342.111



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, 18.791, 343.336



82, 27.317, 343.716



66, 15.517, 16.931



37, 5.112, 342.341



34, 59.881, 357.901



3, 14.268, 349.339

Inverse Universe

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



67, 18.791, 343.336



82, 27.317, 343.716



75, 13.753, 193.946



37, 5.112, 342.341



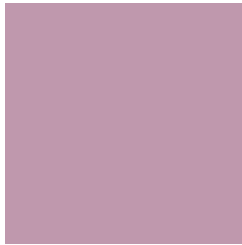
34, 59.881, 357.901



3, 14.268, 349.339

Previews

White Background



This preview shows how the CIELCh color 67, 18.793, 343.334 looks on a white background.

Color Contrast Check

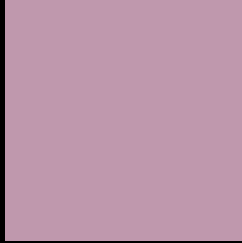
Large Text (above 18pt) WCAG AA × Fail

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, 18.793, 343.334 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, 18.793, 343.334

Background



This preview shows how black text looks on a background with the CIELCh color 67, 18.793, 343.334.



This preview shows how white text looks on a background with the CIELCh color 67, 18.793, 343.334.

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, 18.793, 343.334

Protanopia

67, 9.400, 288.937

Deuteranopia

67, 10.086, 330.277



Tritanopia
67, 15.749, 356.223

Trichromacy



Original Color
67, 18.793, 343.334

Protanomaly
67, 11.783, 317.323

Deuteranomaly
67, 12.976, 337.798

Tritanomaly
67, 16.430, 350.915

Monochromacy



Original Color
67, 18.793, 343.334

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.933, 340.555

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 18.793, 343.334 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(191, 152, 173)` looks like.

```
.text, #text, p{  
    color:rgb(191, 152, 173)  
}
```

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(191, 152, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 152, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 18.793, 343.334 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(191, 152, 173) }
```

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

```
.border{ border-color:rgb(191, 152, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 152, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 152, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 152, 173);  
box-shadow:4px 4px 4px 4px rgb(191, 152,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 18.793, 343.334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 152, 173) }
```

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

```
.background{ background-color: rgb(191,  
152, 173) }
```

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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