

Converting Colors

CIELCh(67, 18.357, 345.397)

Have a look what the booklet for
CIELCh(67, 18.357, 345.397)
contains.

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Color

CIELCh(67, 18.483, 344.714)

Conversions

Conversions Part 1

Format	Color
Hex	BF98AC
RGB	191, 152, 172
RGB Percent	75%, 60%, 67%
CMY	0.2500, 0.4030, 0.3245
CMYK	0.00, 0.20, 0.10, 0.25
HSL	329°, 23%, 67%
HSV	329°, 20%, 75%
XYZ	40.2868, 36.6320, 44.1008
YIQ	165.9410, 16.8240, 14.4880

Conversions

Conversions Part 2

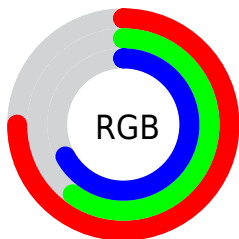
Format	Color
RYB	191, 152, 172
Decimal	12556460
CIELab	67.00, 17.83, -4.87
CIELCh	67, 18.483, 344.714
Yxy	36.6320, 0.3329, 0.3027
Android (android.graphics.Color)	4290746540 (0xFFBF98AC)
YUV	165.9410, 2.9871, 21.9767
Hunter-Lab	60.5244, 12.8972, -0.8343

Details

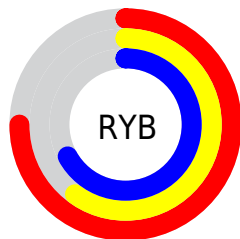
The CIELCh color $67, 18.483, 344.714$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $74, 18.046, 161.219$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 18.742, 345.110$, and $47, 18.373, 344.408$ is the 20% darker color. If you saturate the color by 10%, you get $62, 27.693, 345.741$, and if you desaturate by 10%, it is $72, 9.327, 343.786$.

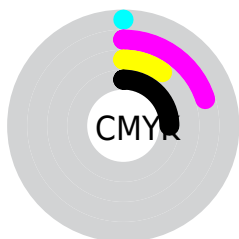
Distribution



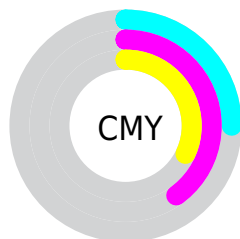
- Red (75%)
- Green (60%)
- Blue (67%)



- Red (75%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (20%)
- Yellow (10%)
- Black (25%)





- Cyan (25%)
- Magenta (40%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 18.483, 344.714 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, 18.483, 344.714 by changing the saturation by 10% instead.


 67, 18.483,
344.714


 67, 18.483,
344.714


 100, 18.483,
344.714


 57, 18.483,
344.714


 87, 18.483,
344.714

 47, 18.483,
344.714

 97, 18.483,
344.714

 37, 18.483,
344.714

 27, 18.483,
344.714

 17, 18.483,
344.714

 7, 18.483, 344.714

 0, 18.483, 344.714

67, 18.483,
344.714

67, 18.483,
344.714

62, 27.693,
345.741

72, 9.327, 343.786

58, 36.762,
346.903

77, 0.357, 341.915

53, 45.389,
348.250

82, 8.359, 162.299

49, 53.178,
349.853

88, 16.788,
161.585

46, 59.666,
351.809

93, 24.921,
160.940

44, 64.419,
354.250


95, 25.988,
165.758

42, 67.194,
357.333

95, 23.423,
175.304

41, 68.400, 0.904

96, 21.584,
186.767

 96, 20.730,
198.141

Harmonies

Complementary

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



67, 18.483, 344.714



74, 18.046, 161.219

Rectangle

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



67, 18.483, 344.714



67, 18.483, 34.714



67, 18.483, 164.714



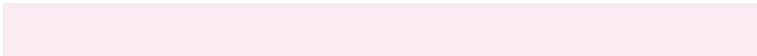
67, 18.483, 214.714

Sweetspot

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



67, 18.481, 344.716



94, 6.656, 343.392



66, 22.791, 309.449



50, 4.417, 343.454



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, 18.481, 344.716



83, 27.099, 345.112



66, 15.537, 19.550



38, 5.135, 343.693



34, 60.191, 0.314



3, 15.945, 351.569

Inverse Universe

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



67, 18.481, 344.716



83, 27.099, 345.112



75, 13.655, 196.895



38, 5.135, 343.693



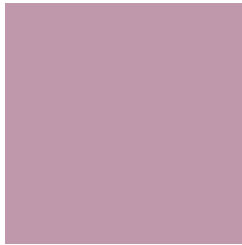
34, 60.191, 0.314



3, 15.945, 351.569

Previews

White Background



This preview shows how the CIELCh color 67, 18.483, 344.714 looks on a white background.

Color Contrast Check

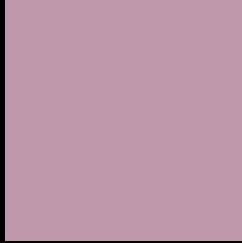
Large Text (above 18pt) WCAG AA × Fail

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, 18.483, 344.714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

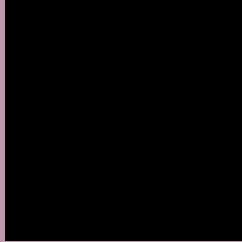
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 18.483, 344.714

Background



This preview shows how black text looks on a background with the CIELCh color 67, 18.483, 344.714.



This preview shows how white text looks on a background with the CIELCh color 67, 18.483, 344.714.

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, 18.483, 344.714

Protanopia
67, 8.847, 291.094

Deuteranopia
67, 9.929, 334.048



Tritanopia
67, 15.749, 356.223

Trichromacy



Original Color
67, 18.483, 344.714

Protanomaly
67, 11.471, 320.239

Deuteranomaly
67, 12.908, 340.816

Tritanomaly
67, 16.430, 350.915

Monochromacy



Original Color
67, 18.483, 344.714

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 6.601, 344.250

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 18.483, 344.714 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(191, 152, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 152, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 18.483, 344.714 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, 172) }
```

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

```
.border{ border-color:rgb(191, 152, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 152, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 152, 172);  
box-shadow:4px 4px 4px 4px rgb(191, 152,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 18.483, 344.714 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, 172) }
```

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

```
.background{ background-color: rgb(191,  
152, 172) }
```

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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