

Converting Colors

CIELCh(66, 16.997, 347.661)

Have a look what the booklet for
CIELCh(66, 16.997, 347.661)
contains.

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Color

CIELCh(66, 17.016, 347.671)

Conversions

Conversions Part 1

Format	Color
Hex	BB96A7
RGB	187, 150, 167
RGB Percent	73%, 59%, 65%
CMY	0.2654, 0.4105, 0.3438
CMYK	0.00, 0.20, 0.11, 0.27
HSL	332°, 21%, 66%
HSV	332°, 20%, 73%
XYZ	38.5378, 35.3238, 41.5038
YIQ	163.0010, 16.5950, 13.1310

Conversions

Conversions Part 2

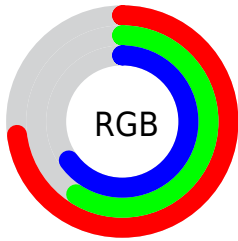
Format	Color
R _Y B	187, 150, 167
Decimal	12293799
CIE Lab	66.00, 16.62, -3.63
CIE LCh	66, 17.016, 347.671
Yxy	35.3238, 0.3340, 0.3062
Android (android.graphics.Color)	4290483879 (0xFFBB96A7)
YUV	163.0010, 1.9715, 21.0471
Hunter-Lab	59.4338, 11.7328, 0.2003

Details

The CIELCh color **66, 17.016, 347.671** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73, 16.517, 164.151**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 17.033, 347.200**, and **46, 16.833, 347.553** is the 20% darker color. If you saturate the color by 10%, you get **61, 25.827, 348.765**, and if you desaturate by 10%, it is **71, 8.302, 346.691**.

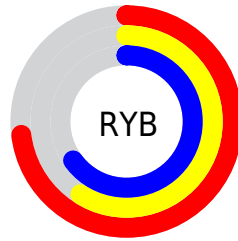
Distribution



Red (73%)

Green (59%)

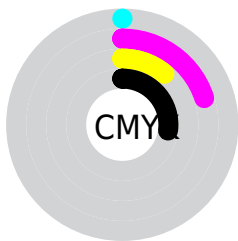
Blue (65%)



Red (73%)

Yellow (59%)

Blue (65%)

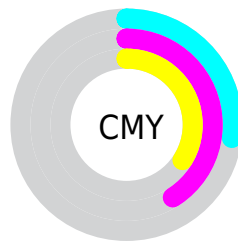


Cyan (0%)

Magenta (20%)

Yellow (11%)

Black (27%)



Cyan (27%)


Magenta (41%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 17.016, 347.671 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 66, 17.016, 347.671 by changing the saturation by 10% instead.


 66, 17.016,
347.671


 66, 17.016,
347.671


 100, 17.016,
347.671


 56, 17.016,
347.671


 86, 17.016,
347.671

 46, 17.016,
347.671

 96, 17.016,
347.671

 36, 17.016,
347.671

 26, 17.016,
347.671

 16, 17.016,
347.671

 6, 17.016, 347.671

 0, 17.016, 347.671

66, 17.016,
347.671

66, 17.016,
347.671

61, 25.827,
348.765

71, 8.302, 346.691

57, 34.560,
350.015

76, 0.198, 167.903

81, 8.430, 165.152

52, 42.943,
351.484

87, 16.368,
164.420

49, 50.606,
353.251

92, 24.010,
163.760

45, 57.114,
355.431

95, 27.064,
166.987

43, 62.054,
358.173

95, 24.369,
177.107

41, 65.193, 1.646

96, 22.520,
189.239

40, 66.920, 5.848

■ 40, 66.963, 5.951

■ 96, 21.881,
198.069

Harmonies

Complementary

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



66, 17.016, 347.671



73, 16.517, 164.151

Rectangle

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



66, 17.016, 347.671



66, 17.016, 37.671



66, 17.016, 167.671



66, 17.016, 217.671

Sweetspot

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



66, 17.014, 347.674



93, 6.315, 346.338



65, 21.889, 311.106



49, 4.191, 346.402



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



66, 17.014, 347.674



81, 25.796, 348.163



66, 14.317, 23.429



37, 4.849, 346.653



33, 59.080, 5.286



3, 13.653, 353.976

Inverse Universe

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



66, 17.014, 347.674



81, 25.796, 348.163



73, 12.564, 201.527



37, 4.849, 346.653



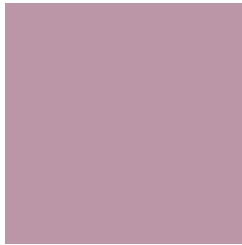
33, 59.080, 5.286



3, 13.653, 353.976

Previews

White Background



This preview shows how the CIELCh color 66, 17.016, 347.671 looks on a white background.

Color Contrast Check

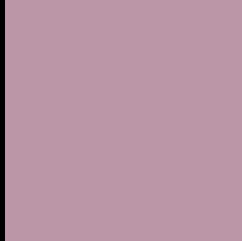
Large Text (above 18pt) WCAG AA × Fail

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 66, 17.016, 347.671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

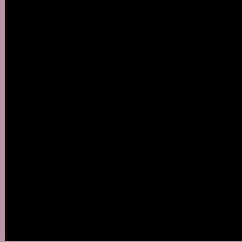
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 17.016, 347.671

Background



This preview shows how black text looks on a background with the CIELCh color 66, 17.016, 347.671.



This preview shows how white text looks on a background with the CIELCh color 66, 17.016, 347.671.

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


66, 17.016, 347.671

Protanopia

66, 7.206, 290.935

Deuteranopia

66, 8.846, 341.545



Tritanopia
66, 15.430, 355.583

Trichromacy



Original Color
66, 17.016, 347.671

Protanomaly
66, 9.887, 323.056

Deuteranomaly
66, 11.666, 345.912

Tritanomaly
66, 15.881, 351.932

Monochromacy



Original Color
66, 17.016, 347.671

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 6.623, 344.262

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 17.016, 347.671 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(187, 150, 167)` looks like.

```
.text, #text, p{  
    color:rgb(187, 150, 167)  
}
```

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(187, 150, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 150, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 17.016, 347.671 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(187, 150, 167) }
```

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

```
.border{ border-color:rgb(187, 150, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 150, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 150, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 150, 167);  
box-shadow:4px 4px 4px 4px rgb(187, 150,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 17.016, 347.671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 150, 167) }
```

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

```
.background{ background-color: rgb(187,  
150, 167) }
```

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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