

Converting Colors

CIELCh(65, 16.581, 347.572)

Have a look what the booklet for
CIELCh(65, 16.581, 347.572)
contains.

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Color

CIELCh(65, 16.733, 346.905)

Conversions

Conversions Part 1

Format	Color
Hex	B894A5
RGB	184, 148, 165
RGB Percent	72%, 58%, 65%
CMY	0.2788, 0.4199, 0.3533
CMYK	0.00, 0.20, 0.10, 0.28
HSL	332°, 20%, 65%
HSV	332°, 20%, 72%
XYZ	37.1075, 34.0472, 40.1734
YIQ	160.7020, 15.9990, 12.9190

Conversions

Conversions Part 2

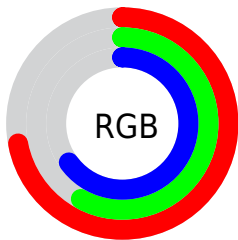
Format	Color
RYB	184, 148, 165
Decimal	12096677
CIELab	65.00, 16.30, -3.79
CIELCh	65, 16.733, 346.905
Yxy	34.0472, 0.3333, 0.3058
Android (android.graphics.Color)	4290286757 (0xFFB894A5)
YUV	160.7020, 2.1189, 20.4323
Hunter-Lab	58.3500, 11.4042, 0.0244

Details

The CIELCh color $65, 16.733, 346.905$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $72, 16.274, 163.463$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 16.759, 346.478$, and $45, 16.884, 347.590$ is the 20% darker color. If you saturate the color by 10%, you get $60, 25.468, 347.977$, and if you desaturate by 10%, it is $70, 8.088, 345.942$.

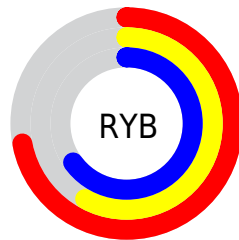
Distribution



Red (72%)

Green (58%)

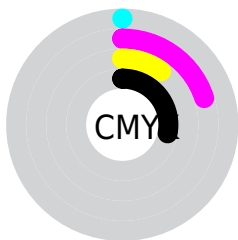
Blue (65%)



Red (72%)

Yellow (58%)

Blue (65%)

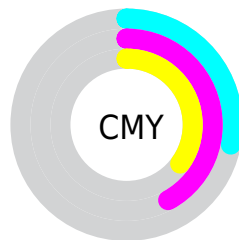


Cyan (0%)

Magenta (20%)

Yellow (10%)

Black (28%)



Cyan (28%)


Magenta (42%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 16.733, 346.905 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 65, 16.733, 346.905 by changing the saturation by 10% instead.


 65, 16.733,
346.905


 65, 16.733,
346.905


 100, 16.733,
346.905


 55, 16.733,
346.905


 85, 16.733,
346.905

 45, 16.733,
346.905

 95, 16.733,
346.905

 35, 16.733,
346.905

 25, 16.733,
346.905

 15, 16.733,
346.905

 5, 16.733, 346.905

 0, 16.733, 346.905

65, 16.733,
346.905

65, 16.733,
346.905

60, 25.468,
347.977

70, 8.088, 345.942

56, 34.120,
349.197

75, 0.351, 166.257

80, 8.529, 164.422

52, 42.421,
350.625

85, 16.422,
163.698

48, 50.005,
352.336

90, 24.024,
163.045

45, 56.443,
354.440

95, 29.502,
163.894

42, 61.320,
357.078

95, 26.649,
172.421

40, 64.394, 0.417

95, 24.441,
182.674

39, 66.023, 4.470

■ 39, 66.093, 4.646

■ 95, 23.077,
194.496

Harmonies

Complementary

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



65, 16.733, 346.905



72, 16.274, 163.463

Rectangle

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



65, 16.733, 346.905



65, 16.733, 36.905



65, 16.733, 166.905



65, 16.733, 216.905

Sweetspot

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



65, 16.731, 346.908



91, 6.261, 345.610



64, 21.288, 310.535



48, 4.154, 345.673



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



65, 16.731, 346.908



81, 24.468, 347.300



65, 14.183, 22.072



36, 4.780, 345.919



33, 58.432, 3.998



3, 12.025, 352.379

Inverse Universe

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



65, 16.731, 346.908



81, 24.468, 347.300



72, 12.478, 199.954



36, 4.780, 345.919



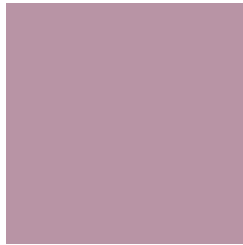
33, 58.432, 3.998



3, 12.025, 352.379

Previews

White Background



This preview shows how the CIELCh color 65, 16.733, 346.905 looks on a white background.

Color Contrast Check

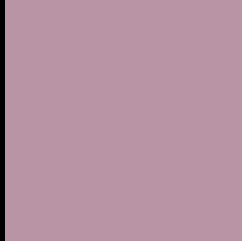
Large Text (above 18pt) WCAG AA × Fail

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 65, 16.733, 346.905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

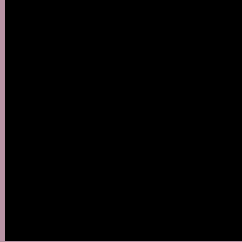
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 16.733, 346.905

Background



This preview shows how black text looks on a background with the CIELCh color 65, 16.733, 346.905.



This preview shows how white text looks on a background with the CIELCh color 65, 16.733, 346.905.

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
65, 16.733, 346.905

Protanopia
65, 7.231, 290.948

Deuteranopia
65, 8.944, 337.183



Tritanopia
65, 14.545, 356.169

Trichromacy



Original Color
65, 16.733, 346.905

Protanomaly
65, 9.242, 322.899

Deuteranomaly
65, 11.711, 342.549

Tritanomaly
65, 14.991, 352.273

Monochromacy



Original Color
65, 16.733, 346.905

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 6.011, 346.364

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 16.733, 346.905 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(184, 148, 165)` looks like.

```
.text, #text, p{  
    color:rgb(184, 148, 165)  
}
```

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(184, 148, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 148, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 16.733, 346.905 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(184, 148, 165) }
```

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

```
.border{ border-color:rgb(184, 148, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 148, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 148, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 148, 165);  
box-shadow:4px 4px 4px 4px rgb(184, 148,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 16.733, 346.905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 148, 165) }
```

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

```
.background{ background-color: rgb(184,  
148, 165) }
```

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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