

Converting Colors

CIELCh(65, 16.733, 342.110)

Have a look what the booklet for
CIELCh(65, 16.733, 342.110)
contains.

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Color

CIELCh(65, 16.733, 342.110)

Conversions

Conversions Part 1

Format	Color
Hex	B694A7
RGB	182, 148, 167
RGB Percent	71%, 58%, 65%
CMY	0.2851, 0.4185, 0.3440
CMYK	0.00, 0.19, 0.08, 0.29
HSL	326°, 19%, 65%
HSV	326°, 19%, 71%
XYZ	36.9937, 34.0472, 41.3175
YIQ	160.3320, 14.1650, 13.1170

Conversions

Conversions Part 2

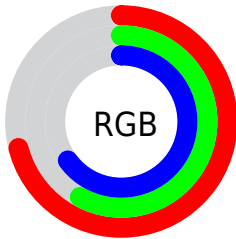
Format	Color
RYB	182, 148, 167
Decimal	11965607
CIELab	65.00, 15.92, -5.14
CIElCh	65, 16.733, 342.110
Yxy	34.0472, 0.3292, 0.3030
Android (android.graphics.Color)	4290155687 (0xFFB694A7)
YUV	160.3320, 3.2873, 19.0028
Hunter-Lab	58.3500, 11.0560, -1.1382

Details

The CIELCh color $65, 16.733, 342.110$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $71, 16.443, 159.092$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 16.767, 341.985$, and $45, 16.871, 342.416$ is the 20% darker color. If you saturate the color by 10%, you get $60, 25.828, 343.051$, and if you desaturate by 10%, it is $70, 7.692, 341.243$.

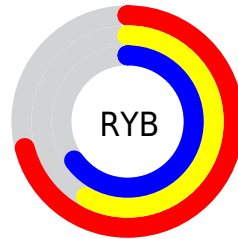
Distribution



Red (71%)

Green (58%)

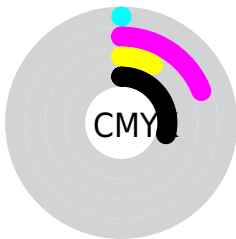
Blue (65%)



Red (71%)

Yellow (58%)

Blue (65%)

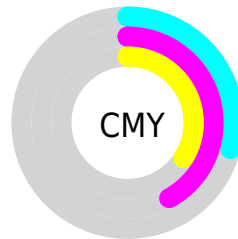


Cyan (0%)

Magenta (19%)

Yellow (8%)

Black (29%)



Cyan (29%)


Magenta (42%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 16.733, 342.110 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, 342.110 by changing the saturation by 10% instead.


 65, 16.733,
342.110


 65, 16.733,
342.110


 100, 16.733,
342.110


 55, 16.733,
342.110


 85, 16.733,
342.110

 45, 16.733,
342.110

 95, 16.733,
342.110

 35, 16.733,
342.110

 25, 16.733,
342.110

 15, 16.733,
342.110

 5, 16.733, 342.110

 0, 16.733, 342.110

65, 16.733,
342.110

65, 16.733,
342.110

60, 25.828,
343.051

70, 7.692, 341.243

56, 34.797,
344.097

75, 1.172, 160.825

80, 9.795, 159.845

52, 43.361,
345.287

85, 18.146,
159.170

48, 51.147,
346.675

90, 26.216,
158.553

45, 57.709,
348.337

94, 32.479,
158.841

42, 62.607,
350.379

95, 29.791,
164.730

41, 65.541,
352.932

95, 27.426,
171.664

40, 66.710,

356.068

95, 25.483,
179.739

39, 66.845,
356.504

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, 342.110



71, 16.443, 159.092

Rectangle

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



65, 16.733, 342.110



65, 16.733, 32.110



65, 16.733, 162.110



65, 16.733, 212.110

Sweetspot

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



65, 16.731, 342.112



90, 6.586, 341.020



64, 19.827, 307.638



48, 4.407, 341.078



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, 342.112



81, 24.494, 342.450



65, 13.568, 15.427



36, 5.067, 341.302



33, 59.565, 356.022



3, 12.651, 347.401

Inverse Universe

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



65, 16.731, 342.112



81, 24.494, 342.450



72, 12.212, 192.618



36, 5.067, 341.302



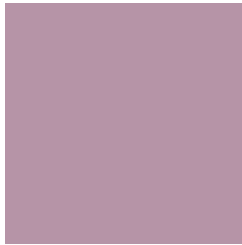
33, 59.565, 356.022



3, 12.651, 347.401

Previews

White Background



This preview shows how the CIELCh color 65, 16.733, 342.110 looks on a white background.

Color Contrast Check

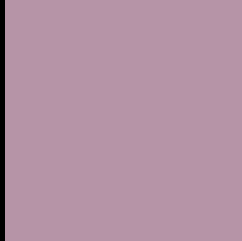
Large Text (above 18pt) WCAG AA × Fail

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, 342.110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

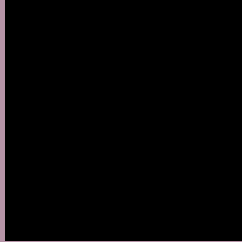
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 16.733, 342.110

Background



This preview shows how black text looks on a background with the CIELCh color 65, 16.733, 342.110.



This preview shows how white text looks on a background with the CIELCh color 65, 16.733, 342.110.

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, 342.110

Protanopia
65, 8.899, 288.766

Deuteranopia
65, 9.478, 330.640



Tritanopia
65, 14.063, 352.646

Trichromacy



Original Color
65, 16.733, 342.110

Protanomaly
65, 10.516, 316.314

Deuteranomaly
65, 12.124, 337.205

Tritanomaly
65, 14.576, 348.753

Monochromacy



Original Color
65, 16.733, 342.110

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 6.330, 342.186

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 16.733, 342.110 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(182, 148, 167)` looks like.

```
.text, #text, p{  
    color:rgb(182, 148, 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(182, 148, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 148, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 16.733, 342.110 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(182, 148, 167) }
```

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

```
.border{ border-color:rgb(182, 148, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 148, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 148, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 148, 167);  
box-shadow:4px 4px 4px 4px rgb(182, 148,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 16.733, 342.110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 148, 167) }
```

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

```
.background{ background-color: rgb(182,  
148, 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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