

Converting Colors

CIELCh(68, 14.447, 341.217)

Have a look what the booklet for
CIELCh(68, 14.447, 341.217)
contains.

CIELCh(68, 14.097, 342.194)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(68, 14.097, 342.194)

Conversions

Conversions Part 1

Format	Color
Hex	BB9EAE
RGB	187, 158, 174
RGB Percent	73%, 62%, 68%
CMY	0.2675, 0.3812, 0.3184
CMYK	0.00, 0.16, 0.07, 0.27
HSL	327°, 18%, 68%
HSV	327°, 16%, 73%
XYZ	40.2556, 37.9720, 45.1480
YIQ	168.4950, 12.1480, 11.1240

Conversions

Conversions Part 2

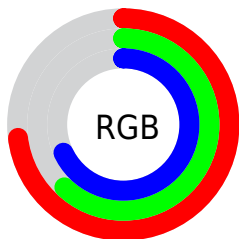
Format	Color
RYB	187, 158, 174
Decimal	12295854
CIELab	68.00, 13.42, -4.31
CIELCh	68, 14.097, 342.194
Yxy	37.9720, 0.3263, 0.3078
Android (android.graphics.Color)	4290485934 (0xFFBB9EAE)
YUV	168.4950, 2.7140, 16.2289
Hunter-Lab	61.6215, 8.7715, -0.3048

Details

The CIELCh color $68, 14.097, 342.194$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $73, 13.882, 159.721$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 13.674, 342.885$, and $48, 14.035, 342.364$ is the 20% darker color. If you saturate the color by 10%, you get $63, 23.334, 343.119$, and if you desaturate by 10%, it is $73, 4.963, 341.321$.

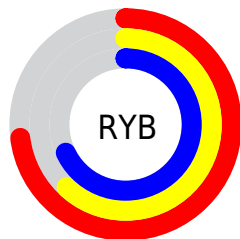
Distribution



Red (73%)

Green (62%)

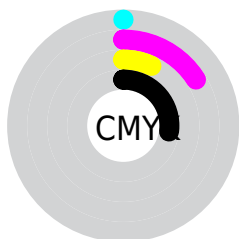
Blue (68%)



Red (73%)

Yellow (62%)

Blue (68%)

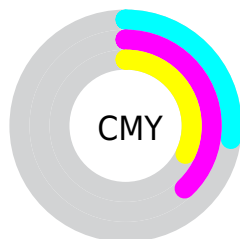


Cyan (0%)

Magenta (16%)

Yellow (7%)

Black (27%)



Cyan (27%)

Magenta (38%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 14.097, 342.194 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 68, 14.097, 342.194 by changing the saturation by 10% instead.


 68, 14.097,
342.194

 68, 14.097,
342.194


 100, 14.097,
342.194


 58, 14.097,
342.194


 88, 14.097,
342.194

 48, 14.097,
342.194

 98, 14.097,
342.194

 38, 14.097,
342.194

 28, 14.097,
342.194

 18, 14.097,
342.194

 8, 14.097, 342.194

 0, 14.097, 342.194

68, 14.097,
342.194

68, 14.097,
342.194

63, 23.334,
343.119

73, 4.963, 341.321

59, 32.513,
344.141

78, 3.962, 160.730

83, 12.627,
159.968

54, 41.382,
345.300

88, 21.009,
159.310

50, 49.591,
346.645

94, 29.103,
158.705

47, 56.701,
348.246

95, 28.468,
163.681

44, 62.248,
350.202

95, 25.976,
171.207

42, 65.867,
352.644

95, 23.965,
180.111

41, 67.476,

355.711

96, 22.574,
190.336

40, 67.896,
357.213

Harmonies

Complementary

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



68, 14.097, 342.194



73, 13.882, 159.721

Rectangle

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



68, 14.097, 342.194



68, 14.097, 32.194



68, 14.097, 162.194



68, 14.097, 212.194

Sweetspot

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



68, 14.095, 342.196



92, 5.550, 341.280



67, 16.746, 307.468



49, 3.820, 341.346



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



68, 14.095, 342.196



84, 21.379, 342.536



68, 11.391, 15.110



37, 5.158, 341.660



34, 60.126, 356.702



3, 14.387, 348.549

Inverse Universe

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



68, 14.095, 342.196



84, 21.379, 342.536



74, 10.445, 192.841



37, 5.158, 341.660



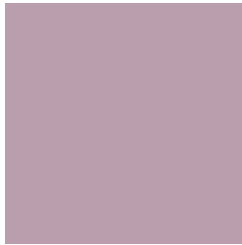
34, 60.126, 356.702



3, 14.387, 348.549

Previews

White Background



This preview shows how the CIELCh color 68, 14.097, 342.194 looks on a white background.

Color Contrast Check

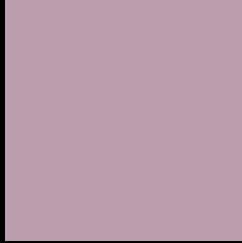
Large Text (above 18pt) WCAG AA × Fail

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 68, 14.097, 342.194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

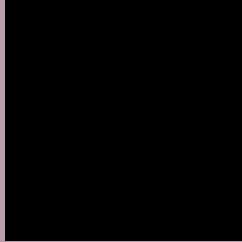
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 14.097, 342.194

Background



This preview shows how black text looks on a background with the CIELCh color 68, 14.097, 342.194.



This preview shows how white text looks on a background with the CIELCh color 68, 14.097, 342.194.

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
68, 14.097, 342.194

Protanopia
68, 7.166, 290.915

Deuteranopia
68, 9.513, 336.334



Tritanopia
68, 12.861, 346.917

Trichromacy



Original Color
68, 14.097, 342.194

Protanomaly
68, 8.785, 318.703

Deuteranomaly
68, 11.007, 339.950

Tritanomaly
68, 13.159, 344.903

Monochromacy



Original Color
68, 14.097, 342.194

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 5.340, 341.704

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 14.097, 342.194 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, 158, 174)` looks like.

```
.text, #text, p{  
    color:rgb(187, 158, 174)  
}
```

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, 158, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 158, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 14.097, 342.194 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, 158, 174) }
```

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

```
.border{ border-color:rgb(187, 158, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 158, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 158, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 158, 174);  
box-shadow:4px 4px 4px 4px rgb(187, 158,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 14.097, 342.194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 158, 174) }
```

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

```
.background{ background-color: rgb(187,  
158, 174) }
```

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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