

Converting Colors

CIELCh(68, 14.460, 338.064)

Have a look what the booklet for
CIELCh(68, 14.460, 338.064)
contains.

CIELCh(68, 14.502, 337.768)	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, 14.502, 337.768)

Conversions

Conversions Part 1

Format	Color
Hex	BA9EB0
RGB	186, 158, 176
RGB Percent	73%, 62%, 69%
CMY	0.2710, 0.3808, 0.3102
CMYK	0.00, 0.15, 0.05, 0.27
HSL	321°, 17%, 67%
HSV	321°, 15%, 73%
XYZ	40.2563, 37.9720, 46.2246
YIQ	168.4240, 10.9100, 11.5340

Conversions

Conversions Part 2

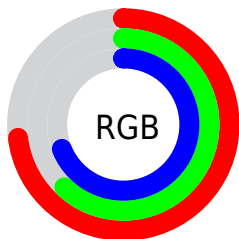
Format	Color
R_{YB}	186, 158, 176
Decimal	12230320
CIE _{Lab}	68.00, 13.42, -5.49
CIE _{LCh}	68, 14.502, 337.768
Yxy	37.9720, 0.3235, 0.3051
Android (android.graphics.Color)	4290420400 (0xFFBA9EB0)
YUV	168.4240, 3.7350, 15.4142
Hunter-Lab	61.6215, 8.7735, -1.3407

Details

The CIELCh color $68, 14.502, 337.768$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $73, 14.367, 155.575$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 14.391, 336.998$, and $48, 14.467, 337.588$ is the 20% darker color. If you saturate the color by 10%, you get $63, 24.245, 338.580$, and if you desaturate by 10%, it is $73, 4.831, 336.981$.

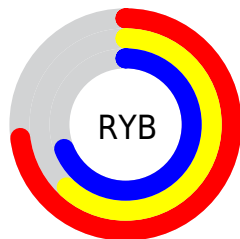
Distribution



Red (73%)

Green (62%)

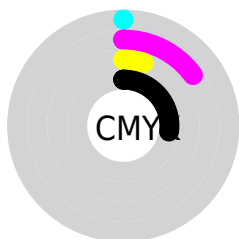
Blue (69%)



Red (73%)

Yellow (62%)

Blue (69%)

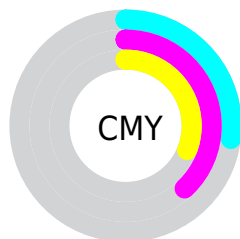


Cyan (0%)

Magenta (15%)

Yellow (5%)

Black (27%)



Cyan (27%)

Magenta (38%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 14.502, 337.768 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, 14.502, 337.768 by changing the saturation by 10% instead.


 68, 14.502,
337.768

 68, 14.502,
337.768

 100, 14.502,
337.768


 58, 14.502,
337.768


 88, 14.502,
337.768

 48, 14.502,
337.768

 98, 14.502,
337.768

 38, 14.502,
337.768

 28, 14.502,
337.768

 18, 14.502,
337.768

 8, 14.502, 337.768

 0, 14.502, 337.768

68, 14.502,
337.768

68, 14.502,
337.768

63, 24.245,
338.580

73, 4.831, 336.981

59, 33.890,
339.455

78, 4.650, 156.432

83, 13.882,
155.738

54, 43.171,
340.416

88, 22.837,
155.123

51, 51.726,
341.494

93, 31.504,
154.552

47, 59.108,
342.731

95, 31.522,
157.759

44, 64.840,
344.190

95, 29.247,
162.632

43, 68.533,
345.960

95, 27.185,
168.252

41, 70.056,

348.140

95, 25.390,
174.700

41, 70.375,
349.325

Harmonies

Complementary

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



68, 14.502, 337.768



73, 14.367, 155.575

Rectangle

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



68, 14.502, 337.768



68, 14.502, 27.768



68, 14.502, 157.768



68, 14.502, 207.768

Sweetspot

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



68, 14.500, 337.770



92, 5.922, 336.983



67, 15.963, 304.507



49, 4.075, 337.042



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, 14.500, 337.770



85, 21.537, 338.026



68, 11.127, 8.500



36, 5.376, 337.323



34, 61.854, 348.935



3, 13.430, 342.552

Inverse Universe

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



68, 14.500, 337.770



85, 21.537, 338.026



73, 10.391, 185.917



36, 5.376, 337.323



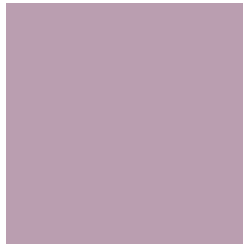
34, 61.854, 348.935



3, 13.430, 342.552

Previews

White Background



This preview shows how the CIELCh color 68, 14.502, 337.768 looks on a white background.

Color Contrast Check

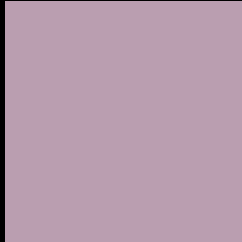
Large Text (above 18pt) WCAG AA × Fail

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, 14.502, 337.768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

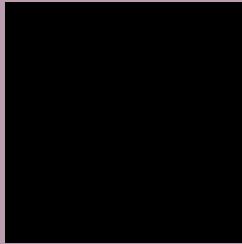
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 14.502, 337.768

Background



This preview shows how black text looks on a background with the CIELCh color 68, 14.502, 337.768.



This preview shows how white text looks on a background with the CIELCh color 68, 14.502, 337.768.

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, 14.502, 337.768

Protanopia

68, 8.267, 291.024

Deuteranopia

68, 10.053, 330.267



Tritanopia
68, 11.920, 346.978

Trichromacy



Original Color
68, 14.502, 337.768

Protanomaly
68, 10.269, 314.409

Deuteranomaly
68, 11.471, 334.465

Tritanomaly
68, 12.534, 342.750

Monochromacy



Original Color
68, 14.502, 337.768

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 5.695, 337.368

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 14.502, 337.768 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(186, 158, 176)` looks like.

```
.text, #text, p{  
    color:rgb(186, 158, 176)  
}
```

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(186, 158, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 158, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 14.502, 337.768 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(186, 158, 176) }
```

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

```
.border{ border-color:rgb(186, 158, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 158, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 158, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 158, 176);  
box-shadow:4px 4px 4px 4px rgb(186, 158,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 14.502, 337.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 158, 176) }
```

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

```
.background{ background-color: rgb(186,  
158, 176) }
```

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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