

Converting Colors

CIELCh(68, 14.447, 348.681)

Have a look what the booklet for
CIELCh(68, 14.447, 348.681)
contains.

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Color

CIELCh(68, 14.447, 348.681)

Conversions

Conversions Part 1

Format	Color
Hex	BD9DAB
RGB	189, 157, 171
RGB Percent	74%, 62%, 67%
CMY	0.2580, 0.3835, 0.3286
CMYK	0.00, 0.17, 0.10, 0.26
HSL	334°, 20%, 68%
HSV	334°, 17%, 74%
XYZ	40.4954, 37.9720, 43.8214
YIQ	168.1640, 14.5780, 11.1380

Conversions

Conversions Part 2

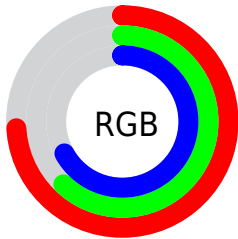
Format	Color
RYB	189, 157, 171
Decimal	12426667
CIELab	68.00, 14.17, -2.84
CIELCh	68, 14.447, 348.681
Yxy	37.9720, 0.3311, 0.3105
Android (android.graphics.Color)	4290616747 (0xFFBD9DAB)
YUV	168.1640, 1.3981, 18.2732
Hunter-Lab	61.6215, 9.4663, 0.9716

Details

The CIELCh color $68, 14.447, 348.681$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $74, 14.045, 165.678$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 14.018, 349.151$, and $48, 14.081, 348.450$ is the 20% darker color. If you saturate the color by 10%, you get $63, 23.218, 349.767$, and if you desaturate by 10%, it is $73, 5.826, 347.695$.

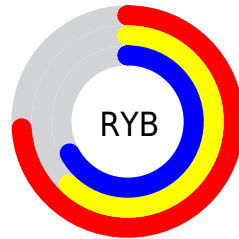
Distribution



Red (74%)

Green (62%)

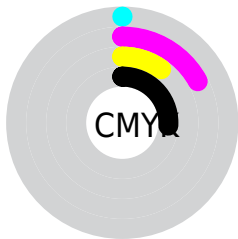
Blue (67%)



Red (74%)

Yellow (62%)

Blue (67%)

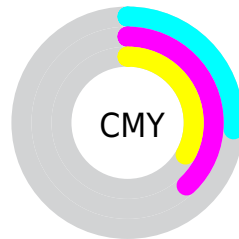


Cyan (0%)

Magenta (17%)

Yellow (10%)

Black (26%)



Cyan (26%)

Magenta (38%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 14.447, 348.681 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, 14.447, 348.681 by changing the saturation by 10% instead.

 68, 14.447,
348.681

 68, 14.447,
348.681


 100, 14.447,
348.681


 58, 14.447,
348.681


 88, 14.447,
348.681

 48, 14.447,
348.681

 98, 14.447,
348.681

 38, 14.447,
348.681

 28, 14.447,
348.681

 18, 14.447,
348.681

 8, 14.447, 348.681

 0, 14.447, 348.681

68, 14.447,
348.681

68, 14.447,
348.681

63, 23.218,
349.767

73, 5.826, 347.695

58, 31.989,
351.006

78, 2.549, 167.078

84, 10.635,
166.187

54, 40.519,
352.459

89, 18.419,
165.471

50, 48.469,
354.204

94, 25.903,
164.822

47, 55.417,
356.353

95, 24.605,
173.225

44, 60.936,
359.052

96, 22.360,
185.637

42, 64.734, 2.474

96, 21.335,
198.104

Harmonies

Complementary

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



68, 14.447, 348.681



74, 14.045, 165.678

Rectangle

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



68, 14.447, 348.681



68, 14.447, 38.681



68, 14.447, 168.681



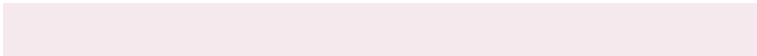
68, 14.447, 218.681

Sweetspot

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



68, 14.445, 348.684



93, 5.181, 347.506



67, 18.888, 311.531



49, 3.536, 347.580



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, 14.445, 348.684



84, 21.138, 349.039



68, 12.029, 24.613



37, 4.781, 347.934



33, 59.067, 7.388



3, 13.510, 355.235

Inverse Universe

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



68, 14.445, 348.684



84, 21.138, 349.039



74, 10.763, 203.251



37, 4.781, 347.934



33, 59.067, 7.388



3, 13.510, 355.235

Previews

White Background



This preview shows how the CIELCh color 68, 14.447, 348.681 looks on a white background.

Color Contrast Check

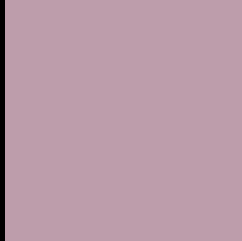
Large Text (above 18pt) WCAG AA × Fail

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, 14.447, 348.681 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, 14.447, 348.681

Background



This preview shows how black text looks on a background with the CIELCh color 68, 14.447, 348.681.



This preview shows how white text looks on a background with the CIELCh color 68, 14.447, 348.681.

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, 14.447, 348.681

Protanopia
68, 6.081, 294.281

Deuteranopia
68, 9.098, 343.075



Tritanopia
68, 14.183, 350.590

Trichromacy



Original Color
68, 14.447, 348.681

Protanomaly
68, 8.040, 324.785

Deuteranomaly
68, 10.660, 345.880

Tritanomaly
68, 14.183, 350.590

Monochromacy



Original Color
68, 14.447, 348.681

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 5.345, 348.922

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 14.447, 348.681 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(189, 157, 171)` looks like.

```
.text, #text, p{  
    color:rgb(189, 157, 171)  
}
```

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(189, 157, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 157, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 14.447, 348.681 is called "border". The border property can be set on classes, ids or directly on the HTML element.

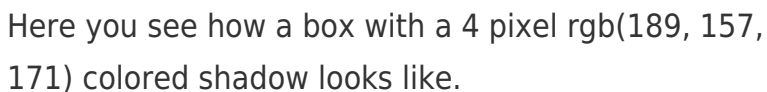
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 157, 171) }
```

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

```
.border{ border-color:rgb(189, 157, 171) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 157, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 157, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 157, 171); box-shadow:4px 4px 4px 4px rgb(189, 157, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 14.447, 348.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 157, 171) }
```

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

```
.background{ background-color: rgb(189,  
157, 171) }
```

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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