

Converting Colors

CIELCh(68, 19.324, 304.768)

Have a look what the booklet for
CIELCh(68, 19.324, 304.768)
contains.

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Color

CIELCh(68, 19.324, 304.768)

Conversions

Conversions Part 1

Format	Color
Hex	ACA0C2
RGB	172, 160, 194
RGB Percent	67%, 63%, 76%
CMY	0.3242, 0.3713, 0.2379
CMYK	0.11, 0.18, 0.00, 0.24
HSL	261°, 22%, 70%
HSV	261°, 18%, 76%
XYZ	39.4879, 37.9720, 56.4847
YIQ	167.4640, -3.7620, 13.1180

Conversions

Conversions Part 2

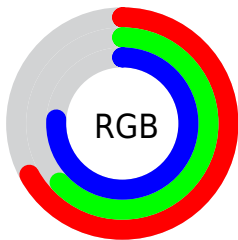
Format	Color
R_{YB}	172, 160, 194
Decimal	11313346
CIE _{Lab}	68.00, 11.02, -15.87
CIE _{LCh}	68, 19.324, 304.768
Yxy	37.9720, 0.2948, 0.2835
Android (android.graphics.Color)	4289503426 (0xFFACA0C2)
YUV	167.4640, 13.0822, 3.9781
Hunter-Lab	61.6215, 6.5478, -11.2126

Details

The CIELCh color $68, 19.324, 304.768$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $77, 18.731, 122.855$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 19.421, 304.874$, and $48, 18.764, 303.971$ is the 20% darker color. If you saturate the color by 10%, you get $62, 30.862, 305.432$, and if you desaturate by 10%, it is $74, 8.146, 304.168$.

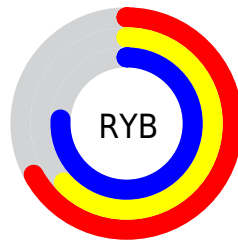
Distribution



Red (67%)

Green (63%)

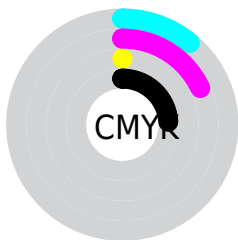
Blue (76%)



Red (67%)

Yellow (63%)

Blue (76%)

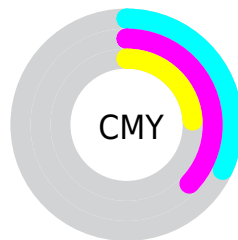


Cyan (11%)

Magenta (18%)

Yellow (0%)

Black (24%)



Cyan (32%)

Magenta (37%)

Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 19.324, 304.768 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, 19.324, 304.768 by changing the saturation by 10% instead.

 68, 19.324,
304.768


 68, 19.324,
304.768


 100, 19.324,
304.768


 58, 19.324,
304.768


 88, 19.324,
304.768

 48, 19.324,
304.768

 98, 19.324,
304.768

 38, 19.324,
304.768

 28, 19.324,
304.768

 18, 19.324,
304.768

 8, 19.324, 304.768

 0, 19.324, 304.768

68, 19.324,
304.768

68, 19.324,
304.768

62, 30.862,
305.432

74, 8.146, 304.168

56, 42.726,
306.162

80, 2.656, 123.676

50, 54.811,
306.938

86, 13.093,
123.197

44, 66.908,
307.725

92, 23.177,
122.795

39, 78.618,
308.456

97, 31.537,
121.451

34, 89.268,
309.022

98, 30.701,
112.956

31, 97.892,
309.275

99, 30.556,
107.854

28, 103.631,

309.093

■ 27, 104.886,
309.046

Harmonies

Complementary

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



68, 19.324, 304.768



77, 18.731, 122.855

Rectangle

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



68, 19.324, 304.768



68, 19.324, 354.768



68, 19.324, 124.768



68, 19.324, 174.768

Sweetspot

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



68, 19.322, 304.767



95, 6.692, 304.031



73, 9.952, 239.620



51, 4.608, 304.071



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 19.322, 304.767



83, 28.856, 305.014



69, 21.487, 321.079



38, 6.162, 304.275



22, 90.928, 309.188



2, 19.828, 300.637

Inverse Universe

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



70, 17.551, 337.777



86, 26.096, 338.085



76, 21.352, 139.397



38, 5.639, 337.142



35, 63.451, 348.675



3, 17.476, 343.404

Previews

White Background



This preview shows how the CIELCh color 68, 19.324, 304.768 looks on a white background.

Color Contrast Check

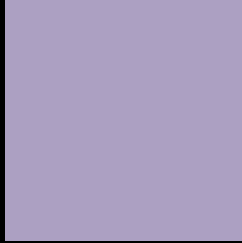
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 68, 19.324, 304.768 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, 19.324, 304.768

Background



This preview shows how black text looks on a background with the CIELCh color 68, 19.324, 304.768.



This preview shows how white text looks on a background with the CIELCh color 68, 19.324, 304.768.

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, 19.324, 304.768

Protanopia

68, 18.234, 286.584

Deuteranopia

68, 17.825, 298.772



Tritanopia
68, 7.541, 308.037

Trichromacy



Original Color
68, 19.324, 304.768

Protanomaly
68, 18.213, 293.111

Deuteranomaly
68, 18.551, 301.882

Tritanomaly
68, 11.996, 305.398

Monochromacy



Original Color
68, 19.324, 304.768

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 7.421, 305.299

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 19.324, 304.768 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(172, 160, 194)` looks like.

```
.text, #text, p{  
    color:rgb(172, 160, 194)  
}
```

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(172, 160, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 160, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 19.324, 304.768 is called "border". The border property can be set on classes, ids or directly on the HTML element.

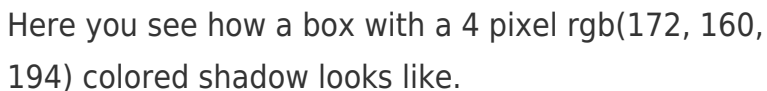
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 160, 194) }
```

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

```
.border{ border-color:rgb(172, 160, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(172, 160, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 160, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 160, 194); box-shadow:4px 4px 4px 4px rgb(172, 160, 194) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 19.324, 304.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 160, 194) }
```

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

```
.background{ background-color: rgb(172,  
160, 194) }
```

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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