

Converting Colors

CIELCh(68, 24.409, 313.715)

Have a look what the booklet for
CIELCh(68, 24.409, 313.715)
contains.

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Color

CIELCh(68, 24.403, 313.691)

Conversions

Conversions Part 1

Format	Color
Hex	B69DC6
RGB	182, 157, 198
RGB Percent	71%, 62%, 78%
CMY	0.2876, 0.3856, 0.2248
CMYK	0.08, 0.21, 0.00, 0.22
HSL	277°, 26%, 69%
HSV	277°, 21%, 78%
XYZ	41.3705, 37.9720, 58.3730
YIQ	169.1490, 1.7390, 18.0510

Conversions

Conversions Part 2

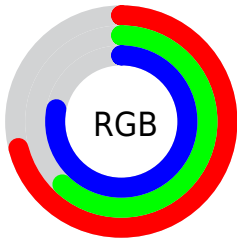
Format	Color
RYB	182, 157, 198
Decimal	11967942
CIELab	68.00, 16.86, -17.65
CIELCh	68, 24.403, 313.691
Yxy	37.9720, 0.3004, 0.2757
Android (android.graphics.Color)	4290158022 (0xFFB69DC6)
YUV	169.1490, 14.2235, 11.2703
Hunter-Lab	61.6215, 12.0012, -13.0294

Details

The CIELCh color $68, 24.403, 313.691$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $77, 23.890, 131.898$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 24.280, 313.361$, and $48, 24.087, 313.776$ is the 20% darker color. If you saturate the color by 10%, you get $62, 36.508, 314.150$, and if you desaturate by 10%, it is $74, 12.489, 313.242$.

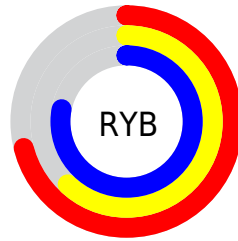
Distribution



Red (71%)

Green (62%)

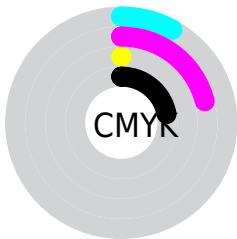
Blue (78%)



Red (71%)

Yellow (62%)

Blue (78%)

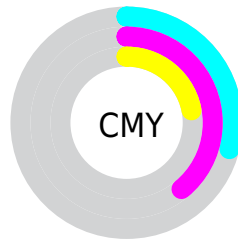


Cyan (8%)

Magenta (21%)

Yellow (0%)

Black (22%)



Cyan (29%)

Magenta (39%)


Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 24.403, 313.691 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, 24.403, 313.691 by changing the saturation by 10% instead.

 68, 24.403,
313.691


 68, 24.403,
313.691


 100, 24.403,
313.691

 58, 24.403,
313.691


 88, 24.403,
313.691

 48, 24.403,
313.691

 98, 24.403,
313.691

 38, 24.403,
313.691

 28, 24.403,
313.691

 18, 24.403,
313.691

 8, 24.403, 313.691

 0, 24.403, 313.691

68, 24.403,
313.691

68, 24.403,
313.691

62, 36.508,
314.150

74, 12.489,
313.242

57, 48.668,
314.603

79, 0.851, 312.658

52, 60.642,
315.022

85, 10.473,
132.466

47, 72.061,
315.360

91, 21.467,
132.107

43, 82.392,
315.555

96, 31.826,
131.680

39, 90.960,
315.529

97, 30.741,
127.010


36, 97.088,
315.194

97, 29.878,
121.945

34, 100.669,

98, 29.270,
116.543

314.626

 98, 28.947,
110.892

Harmonies

Complementary

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



68, 24.403, 313.691



77, 23.890, 131.898

Rectangle

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



68, 24.403, 313.691



68, 24.403, 3.691



68, 24.403, 133.691



68, 24.403, 183.691

Sweetspot

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



68, 24.401, 313.690



96, 8.538, 313.035



70, 14.439, 268.457



51, 5.667, 313.065



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, 24.401, 313.690



83, 36.348, 313.903



69, 25.191, 328.461



39, 6.621, 313.182



28, 87.230, 314.777



3, 22.915, 310.148

Inverse Universe

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



69, 17.945, 352.014



84, 26.752, 352.553



76, 25.150, 145.899



39, 4.851, 350.814



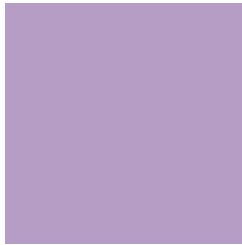
34, 60.778, 12.064



4, 16.984, 359.433

Previews

White Background



This preview shows how the CIELCh color 68, 24.403, 313.691 looks on a white background.

Color Contrast Check

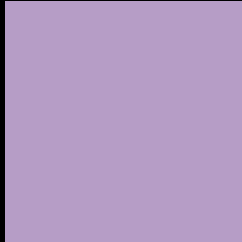
Large Text (above 18pt) WCAG AA × Fail

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, 24.403, 313.691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

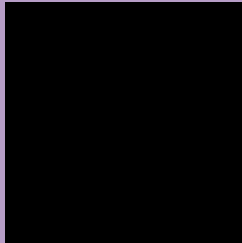
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 24.403, 313.691

Background



This preview shows how black text looks on a background with the CIELCh color 68, 24.403, 313.691.



This preview shows how white text looks on a background with the CIELCh color 68, 24.403, 313.691.

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, 24.403, 313.691

Protanopia

68, 21.564, 286.034

Deuteranopia

68, 19.426, 297.277



Tritanopia
68, 9.642, 332.368

Trichromacy



Original Color
68, 24.403, 313.691

Protanomaly
68, 22.190, 296.852

Deuteranomaly
68, 20.934, 303.841

Tritanomaly
68, 15.218, 320.375

Monochromacy



Original Color
68, 24.403, 313.691

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 8.432, 314.199

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 24.403, 313.691 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, 157, 198)` looks like.

```
.text, #text, p{  
    color:rgb(182, 157, 198)  
}
```

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, 157, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 157, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 24.403, 313.691 is called "border". The border property can be set on classes, ids or directly on the HTML element.

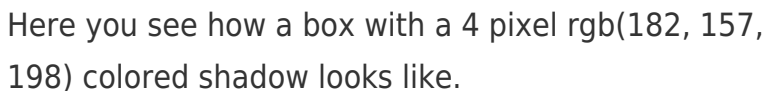
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 157, 198) }
```

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

```
.border{ border-color:rgb(182, 157, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 157, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 157, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 157, 198); box-shadow:4px 4px 4px 4px rgb(182, 157, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 24.403, 313.691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 157, 198) }
```

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

```
.background{ background-color: rgb(182,  
157, 198) }
```

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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