

Converting Colors

CIELCh(68, 18.576, 322.432)

Have a look what the booklet for
CIELCh(68, 18.576, 322.432)
contains.

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Color

CIELCh(68, 18.026, 322.220)

Conversions

Conversions Part 1

Format	Color
Hex	B79EBA
RGB	183, 158, 186
RGB Percent	72%, 62%, 73%
CMY	0.2831, 0.3811, 0.2713
CMYK	0.02, 0.15, 0.00, 0.27
HSL	294°, 17%, 67%
HSV	294°, 15%, 73%
XYZ	40.5216, 37.9720, 51.5424
YIQ	168.6670, 5.9120, 14.0080

Conversions

Conversions Part 2

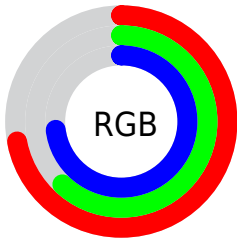
Format	Color
RYB	183, 158, 186
Decimal	12033722
CIELab	68.00, 14.25, -11.04
CIELCh	68, 18.026, 322.220
Yxy	37.9720, 0.3116, 0.2920
Android (android.graphics.Color)	4290223802 (0xFFB79EBA)
YUV	168.6670, 8.5452, 12.5700
Hunter-Lab	61.6215, 9.5422, -6.4573

Details

The CIELCh color $68, 18.026, 322.220$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $73, 17.949, 140.727$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 17.758, 322.186$, and $48, 17.796, 322.171$ is the 20% darker color. If you saturate the color by 10%, you get $63, 30.102, 322.701$, and if you desaturate by 10%, it is $73, 6.019, 321.716$.

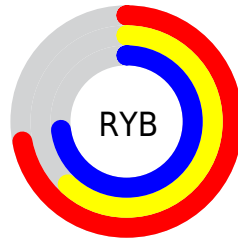
Distribution



Red (72%)

Green (62%)

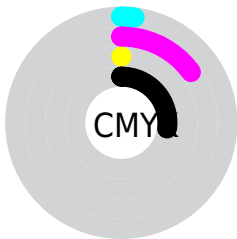
Blue (73%)



Red (72%)

Yellow (62%)

Blue (73%)

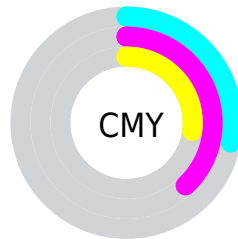


Cyan (2%)

Magenta (15%)

Yellow (0%)

Black (27%)



Cyan (28%)

Magenta (38%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 18.026, 322.220 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, 18.026, 322.220 by changing the saturation by 10% instead.

 68, 18.026,
322.220


 68, 18.026,
322.220

 100, 18.026,
322.220


 58, 18.026,
322.220


 88, 18.026,
322.220

 48, 18.026,
322.220

 98, 18.026,
322.220

 38, 18.026,
322.220

 28, 18.026,
322.220

 18, 18.026,
322.220

 8, 18.026, 322.220

 0, 18.026, 322.220

68, 18.026,
322.220

68, 18.026,
322.220

63, 30.102,
322.701

73, 6.019, 321.716

59, 42.061,
323.162

78, 5.789, 141.321

54, 53.620,
323.584

83, 17.323,
140.842

51, 64.403,
323.944

88, 28.543,
140.406

47, 73.945,
324.212

93, 39.432,
139.998

44, 81.746,
324.360

95, 41.595,
139.325

42, 87.382,
324.361

95, 41.216,
138.551

41, 90.664,

95, 40.844,
137.757

324.198

■ 95, 40.478,
136.943

■ 41, 91.782,
324.084

Harmonies

Complementary

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



68, 18.026, 322.220



73, 17.949, 140.727

Rectangle

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



68, 18.026, 322.220



68, 18.026, 12.220



68, 18.026, 142.220



68, 18.026, 192.220

Sweetspot

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



68, 18.024, 322.220



92, 7.371, 321.717



67, 13.706, 286.740



49, 5.072, 321.756



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, 18.024, 322.220



85, 26.759, 322.377



68, 14.238, 338.972



36, 6.687, 321.937



34, 80.472, 324.139



3, 17.880, 320.193

Inverse Universe

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



68, 11.039, 11.855



84, 16.530, 12.202



73, 14.088, 156.720



36, 4.037, 11.275



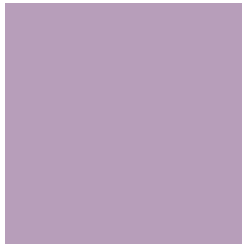
32, 67.763, 34.831



2, 10.723, 12.915

Previews

White Background



This preview shows how the CIELCh color 68, 18.026, 322.220 looks on a white background.

Color Contrast Check

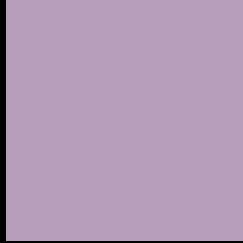
Large Text (above 18pt) WCAG AA × Fail

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, 18.026, 322.220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

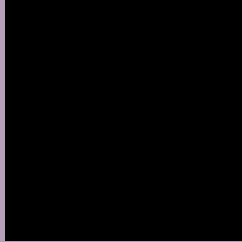
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 18.026, 322.220

Background



This preview shows how black text looks on a background with the CIELCh color 68, 18.026, 322.220.



This preview shows how white text looks on a background with the CIELCh color 68, 18.026, 322.220.

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, 18.026, 322.220

Protanopia

68, 13.816, 285.706

Deuteranopia

68, 14.008, 309.645



Tritanopia
68, 10.722, 338.580

Trichromacy



Original Color
68, 18.026, 322.220

Protanomaly
68, 14.612, 301.525

Deuteranomaly
68, 15.198, 315.648

Tritanomaly
68, 13.595, 330.377

Monochromacy



Original Color
68, 18.026, 322.220

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 6.491, 321.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 18.026, 322.220 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(183, 158, 186)` looks like.

```
.text, #text, p{  
    color:rgb(183, 158, 186)  
}
```

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(183, 158, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 158, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 18.026, 322.220 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(183, 158, 186) }
```

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

```
.border{ border-color:rgb(183, 158, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 158, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 158, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 158, 186);  
box-shadow:4px 4px 4px 4px rgb(183, 158,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 18.026, 322.220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 158, 186) }
```

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

```
.background{ background-color: rgb(183,  
158, 186) }
```

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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