

Converting Colors

CIELCh(68, 26.860, 315.607)

Have a look what the booklet for
CIELCh(68, 26.860, 315.607)
contains.

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Color

CIELCh(68, 27.113, 315.619)

Conversions

Conversions Part 1

Format	Color
Hex	B99BC8
RGB	185, 155, 200
RGB Percent	73%, 61%, 78%
CMY	0.2741, 0.3918, 0.2153
CMYK	0.07, 0.22, 0.00, 0.22
HSL	280°, 29%, 70%
HSV	280°, 22%, 78%
XYZ	42.2017, 37.9720, 59.8055
YIQ	169.1000, 3.4350, 20.3550

Conversions

Conversions Part 2

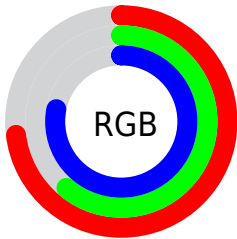
Format	Color
R_{YB}	185, 155, 200
Decimal	12164040
CIE _{Lab}	68.00, 19.38, -18.96
CIE _{LCh}	68, 27.113, 315.619
Yxy	37.9720, 0.3015, 0.2713
Android (android.graphics.Color)	4290354120 (0xFFB99BC8)
YUV	169.1000, 15.2337, 13.9443
Hunter-Lab	61.6215, 14.4090, -14.4078

Details

The CIELCh color $68, 27.113, 315.619$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 26.600, 133.659$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 25.925, 316.128$, and $48, 26.938, 315.867$ is the 20% darker color. If you saturate the color by 10%, you get $63, 39.444, 316.060$, and if you desaturate by 10%, it is $74, 14.909, 315.178$.

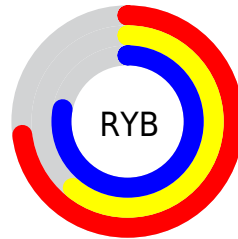
Distribution



Red (73%)

Green (61%)

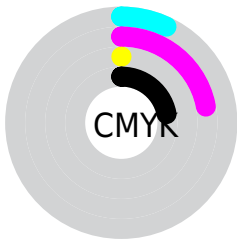
Blue (78%)



Red (73%)

Yellow (61%)

Blue (78%)

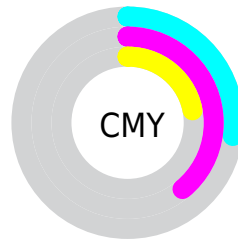


Cyan (7%)

Magenta (22%)

Yellow (0%)

Black (22%)



Cyan (27%)

Magenta (39%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 27.113, 315.619 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, 27.113, 315.619 by changing the saturation by 10% instead.

 68, 27.113,
315.619

 68, 27.113,
315.619

 100, 27.113,
315.619

 58, 27.113,
315.619


 88, 27.113,
315.619


 48, 27.113,
315.619


 98, 27.113,
315.619

 38, 27.113,
315.619

 28, 27.113,
315.619

 18, 27.113,
315.619

 8, 27.113, 315.619

 0, 27.113, 315.619

68, 27.113,
315.619

68, 27.113,
315.619

63, 39.444,
316.060

74, 14.909,
315.178

57, 51.726,
316.483

79, 2.944, 314.713

85, 8.724, 134.397

52, 63.671,
316.855

91, 20.068,
134.024

48, 74.857,
317.131

96, 30.997,
133.665

44, 84.714,
317.252

97, 29.979,
129.631

40, 92.581,
317.146


97, 29.120,
125.267

38, 97.885,
316.743

98, 28.443,
120.599

36, 100.430,

316.278

 98, 27.971,
115.677

Harmonies

Complementary

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



68, 27.113, 315.619



77, 26.600, 133.659

Rectangle

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



68, 27.113, 315.619



68, 27.113, 5.619



68, 27.113, 135.619



68, 27.113, 185.619

Sweetspot

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



68, 27.111, 315.619



95, 10.114, 314.940



70, 16.758, 273.055



50, 6.576, 314.968



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, 27.111, 315.619



82, 39.782, 315.836



69, 26.665, 330.191



39, 6.713, 315.041



29, 86.247, 316.426



3, 23.290, 312.518

Inverse Universe

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



69, 19.146, 355.975



82, 28.177, 356.589



77, 26.595, 147.290



39, 4.697, 354.511



34, 61.749, 17.466



4, 16.668, 2.526

Previews

White Background



This preview shows how the CIELCh color 68, 27.113, 315.619 looks on a white background.

Color Contrast Check

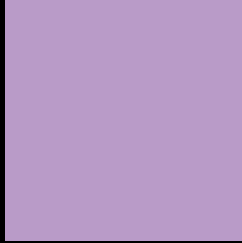
Large Text (above 18pt) WCAG AA × Fail

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, 27.113, 315.619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

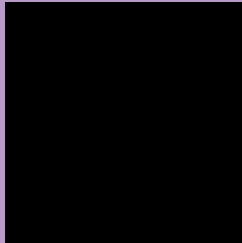
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 27.113, 315.619

Background



This preview shows how black text looks on a background with the CIELCh color 68, 27.113, 315.619.



This preview shows how white text looks on a background with the CIELCh color 68, 27.113, 315.619.

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, 27.113, 315.619

Protanopia
68, 23.228, 285.876

Deuteranopia
68, 20.492, 296.111



Tritanopia
68, 10.722, 338.580

Trichromacy



Original Color
68, 27.113, 315.619

Protanomaly
68, 23.864, 297.490

Deuteranomaly
68, 22.715, 304.832

Tritanomaly
68, 16.453, 324.062

Monochromacy



Original Color
68, 27.113, 315.619

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 9.747, 315.685

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 27.113, 315.619 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(185, 155, 200)` looks like.

```
.text, #text, p{  
    color:rgb(185, 155, 200)  
}
```

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(185, 155, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 155, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 27.113, 315.619 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(185, 155, 200) }
```

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

```
.border{ border-color:rgb(185, 155, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 155, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 155, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 155, 200);  
box-shadow:4px 4px 4px 4px rgb(185, 155,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 27.113, 315.619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 155, 200) }
```

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

```
.background{ background-color: rgb(185,  
155, 200) }
```

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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