

Converting Colors

CIELCh(68, 13.701, 327.396)

Have a look what the booklet for
CIELCh(68, 13.701, 327.396)
contains.

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Color

CIELCh(68, 13.791, 327.670)

Conversions

Conversions Part 1

Format	Color
Hex	B59FB3
RGB	181, 159, 179
RGB Percent	71%, 62%, 70%
CMY	0.2894, 0.3757, 0.2973
CMYK	0.00, 0.12, 0.01, 0.29
HSL	305°, 13%, 67%
HSV	305°, 12%, 71%
XYZ	39.6894, 37.9720, 47.9887
YIQ	167.8580, 6.6920, 10.8840

Conversions

Conversions Part 2

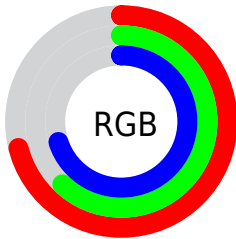
Format	Color
RYB	181, 159, 179
Decimal	11902899
CIELab	68.00, 11.65, -7.38
CIELCh	68, 13.791, 327.670
Yxy	37.9720, 0.3159, 0.3022
Android (android.graphics.Color)	4290092979 (0xFFB59FB3)
YUV	167.8580, 5.4930, 11.5255
Hunter-Lab	61.6215, 7.1315, -3.0381

Details

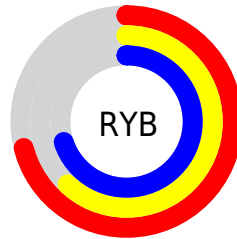
The CIELCh color $68, 13.791, 327.670$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 13.764, 146.271$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 13.729, 327.416$, and $48, 13.293, 328.126$ is the 20% darker color. If you saturate the color by 10%, you get $63, 25.224, 328.255$, and if you desaturate by 10%, it is $73, 2.421, 327.014$.

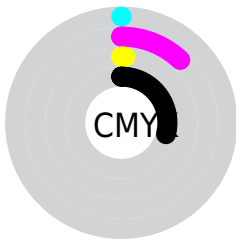
Distribution



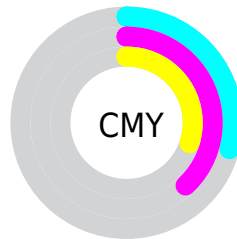
- Red (71%)
- Green (62%)
- Blue (70%)



- Red (71%)
- Yellow (62%)
- Blue (70%)



- Cyan (0%)
- Magenta (12%)
- Yellow (1%)
- Black (29%)





- Cyan (29%)
- Magenta (38%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 13.791, 327.670 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, 13.791, 327.670 by changing the saturation by 10% instead.


 68, 13.791,
327.670


 68, 13.791,
327.670


 100, 13.791,
327.670


 58, 13.791,
327.670


 88, 13.791,
327.670

 48, 13.791,
327.670

 98, 13.791,
327.670

 38, 13.791,
327.670

 28, 13.791,
327.670

 18, 13.791,
327.670

 8, 13.791, 327.670

 0, 13.791, 327.670

68, 13.791,
327.670

68, 13.791,
327.670

63, 25.224,
328.255

73, 2.421, 327.014

59, 36.535,
328.835

78, 8.754, 146.597

55, 47.450,
329.405

82, 19.663,
146.047

51, 57.605,
329.956

87, 30.264,
145.531

48, 66.561,
330.480

92, 40.542,
145.042

46, 73.857,
330.972

94, 42.951,
145.375


44, 79.099,
331.434


94, 42.275,
146.047

43, 82.098,

94, 41.603,
146.740

331.874

 94, 40.935,
147.455

 42, 83.268,
332.213

Harmonies

Complementary

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



68, 13.791, 327.670



72, 13.764, 146.271

Rectangle

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



68, 13.791, 327.670



68, 13.791, 17.670



68, 13.791, 147.670



68, 13.791, 197.670

Sweetspot

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



68, 13.789, 327.670



91, 5.578, 327.173



66, 12.227, 294.544



48, 3.962, 327.224



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



68, 13.789, 327.670



84, 21.043, 327.853



68, 9.823, 349.453



36, 6.493, 327.505



36, 74.457, 332.162



3, 17.155, 328.498

Inverse Universe

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



68, 13.789, 327.670



84, 21.043, 327.853



72, 9.608, 167.367



36, 6.493, 327.505



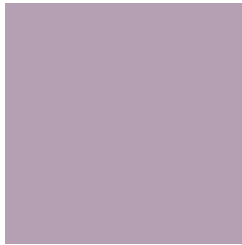
36, 74.457, 332.162



3, 17.155, 328.498

Previews

White Background



This preview shows how the CIELCh color 68, 13.791, 327.670 looks on a white background.

Color Contrast Check

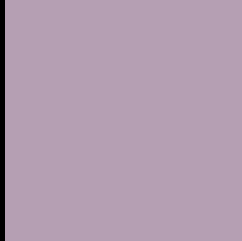
Large Text (above 18pt) WCAG AA × Fail

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, 13.791, 327.670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

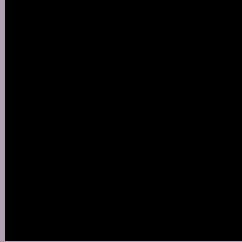
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 13.791, 327.670

Background



This preview shows how black text looks on a background with the CIELCh color 68, 13.791, 327.670.



This preview shows how white text looks on a background with the CIELCh color 68, 13.791, 327.670.

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, 13.791, 327.670

Protanopia

68, 9.919, 289.102

Deuteranopia

68, 11.433, 320.232



Tritanopia
68, 10.443, 337.142

Trichromacy



Original Color
68, 13.791, 327.670

Protanomaly
68, 10.825, 304.891

Deuteranomaly
68, 12.487, 323.547

Tritanomaly
68, 11.214, 333.029

Monochromacy



Original Color
68, 13.791, 327.670

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 4.917, 328.257

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 13.791, 327.670 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(181, 159, 179)` looks like.

```
.text, #text, p{  
    color:rgb(181, 159, 179)  
}
```

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(181, 159, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 159, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 13.791, 327.670 is called "border". The border property can be set on classes, ids or directly on the HTML element.

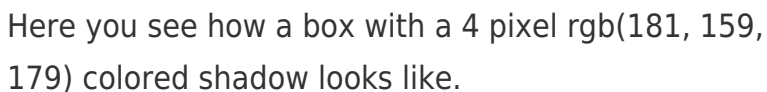
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 159, 179) }
```

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

```
.border{ border-color:rgb(181, 159, 179) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 159, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 159, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 159, 179);  
box-shadow:4px 4px 4px 4px rgb(181, 159,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 13.791, 327.670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 159, 179) }
```

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

```
.background{ background-color: rgb(181,  
159, 179) }
```

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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