

Converting Colors

CIELCh(68, 11.581, 294.586)

Have a look what the booklet for
CIELCh(68, 11.581, 294.586)
contains.

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Color

CIELCh(68, 11.592, 293.135)

Conversions

Conversions Part 1

Format	Color
Hex	A5A4B9
RGB	165, 164, 185
RGB Percent	65%, 64%, 73%
CMY	0.3536, 0.3575, 0.2751
CMYK	0.11, 0.11, 0.00, 0.28
HSL	243°, 13%, 68%
HSV	243°, 11%, 72%
XYZ	37.4705, 37.9720, 51.1629
YIQ	166.6930, -6.1450, 6.7430

Conversions

Conversions Part 2

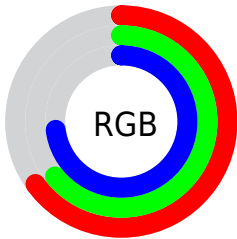
Format	Color
RYB	165, 164, 185
Decimal	10855609
CIELab	68.00, 4.55, -10.66
CIElCh	68, 11.592, 293.135
Yxy	37.9720, 0.2960, 0.2999
Android (android.graphics.Color)	4289045689 (0xFFA5A4B9)
YUV	166.6930, 9.0254, -1.4848
Hunter-Lab	61.6215, 0.7038, -6.0922

Details

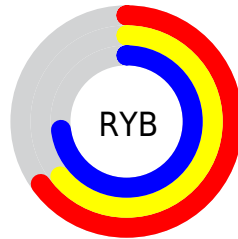
The CIELCh color **68, 11.592, 293.135** is a light color, and the websafe version is hex **999999**. A complement of this color would be **74, 11.295, 111.046**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 11.510, 292.843**, and **48, 11.825, 293.583** is the 20% darker color. If you saturate the color by 10%, you get **62, 22.236, 294.257**, and if you desaturate by 10%, it is **74, 1.366, 292.198**.

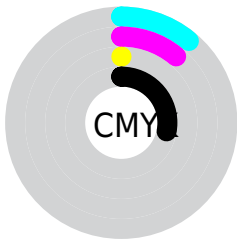
Distribution



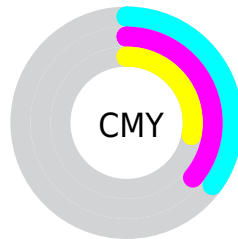
- Red (65%)
- Green (64%)
- Blue (73%)



- Red (65%)
- Yellow (64%)
- Blue (73%)



- Cyan (11%)
- Magenta (11%)
- Yellow (0%)
- Black (28%)





- Cyan (35%)
- Magenta (36%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 11.592, 293.135 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, 11.592, 293.135 by changing the saturation by 10% instead.


 68, 11.592,
293.135


 68, 11.592,
293.135


 100, 11.592,
293.135


 58, 11.592,
293.135


 88, 11.592,
293.135

 48, 11.592,
293.135

 98, 11.592,
293.135

 38, 11.592,
293.135

 28, 11.592,
293.135

 18, 11.592,
293.135

 8, 11.592, 293.135

 0, 11.592, 293.135

68, 11.592,
293.135

68, 11.592,
293.135

62, 22.236,
294.257

74, 1.366, 292.198

55, 33.331,
295.574

80, 8.466, 111.342

49, 44.888,
297.100

87, 17.936,
110.645

43, 56.870,
298.833

93, 27.068,
110.046

37, 69.113,
300.729

98, 35.277,
108.817

32, 81.170,
302.671

99, 35.263,
107.491

27, 92.081,
304.436

24, 100.314,

305.720

■ 22, 104.838,
306.427

Harmonies

Complementary

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



68, 11.592, 293.135



74, 11.295, 111.046

Rectangle

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



68, 11.592, 293.135



68, 11.592, 343.135



68, 11.592, 113.135



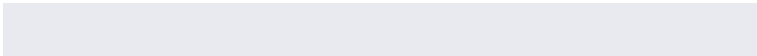
68, 11.592, 163.135

Sweetspot

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



68, 11.590, 293.131



92, 3.728, 292.332



73, 7.323, 201.869



49, 2.827, 292.403



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



68, 11.590, 293.131



84, 17.746, 293.436



69, 12.311, 310.707



35, 5.728, 292.925



18, 92.244, 306.460



1, 15.395, 291.673

Inverse Universe

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



70, 13.501, 326.348



86, 20.583, 326.512



74, 12.132, 129.745



36, 6.690, 326.231



36, 77.008, 330.187



3, 17.938, 326.590

Previews

White Background



This preview shows how the CIELCh color 68, 11.592, 293.135 looks on a white background.

Color Contrast Check

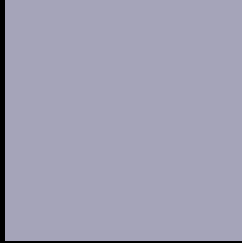
Large Text (above 18pt) WCAG AA × Fail

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, 11.592, 293.135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

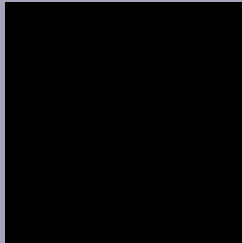
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

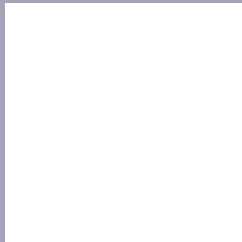
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 11.592, 293.135

Background



This preview shows how black text looks on a background with the CIELCh color 68, 11.592, 293.135.



This preview shows how white text looks on a background with the CIELCh color 68, 11.592, 293.135.

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, 11.592, 293.135

Protanopia

68, 11.581, 289.585

Deuteranopia

68, 14.008, 309.645



Tritanopia
68, 7.169, 287.990

Trichromacy



Original Color
68, 11.592, 293.135

Protanomaly
68, 11.581, 291.358

Deuteranomaly
68, 13.067, 304.269

Tritanomaly
68, 8.269, 288.502

Monochromacy



Original Color
68, 11.592, 293.135

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 3.858, 290.585

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 11.592, 293.135 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(165, 164, 185)` looks like.

```
.text, #text, p{  
    color:rgb(165, 164, 185)  
}
```

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(165, 164, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 164, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 11.592, 293.135 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(165, 164, 185) }
```

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

```
.border{ border-color:rgb(165, 164, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 164, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 164, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 164, 185);  
box-shadow:4px 4px 4px 4px rgb(165, 164,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 11.592, 293.135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 164, 185) }
```

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

```
.background{ background-color: rgb(165,  
164, 185) }
```

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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