

Converting Colors

CIELCh(68, 31.067, 289.097)

Have a look what the booklet for
CIELCh(68, 31.067, 289.097)
contains.

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Color

CIELCh(68, 30.898, 289.064)

Conversions

Conversions Part 1

Format	Color
Hex	9BA2DA
RGB	155, 162, 218
RGB Percent	61%, 64%, 85%
CMY	0.3914, 0.3639, 0.1443
CMYK	0.29, 0.26, 0.00, 0.14
HSL	233°, 46%, 73%
HSV	233°, 29%, 86%
XYZ	39.1941, 37.9720, 71.7381
YIQ	166.2910, -22.1480, 15.9320

Conversions

Conversions Part 2

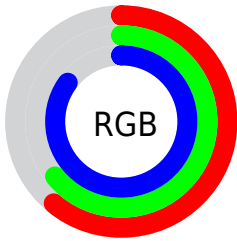
Format	Color
RYB	155, 161, 218
Decimal	10199770
CIELab	68.00, 10.09, -29.20
CIELCh	68, 30.898, 289.064
Yxy	37.9720, 0.2632, 0.2550
Android (android.graphics.Color)	4288389850 (0xFF9BA2DA)
YUV	166.2910, 25.4925, -9.9022
Hunter-Lab	61.6215, 5.6968, -25.8888

Details

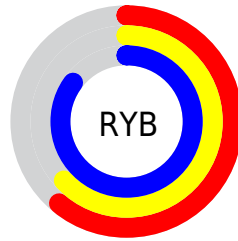
The CIELCh color **68, 30.898, 289.064** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **84, 29.322, 102.160**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 19.944, 286.096**, and **48, 30.695, 288.676** is the 20% darker color. If you saturate the color by 10%, you get **61, 42.398, 290.837**, and if you desaturate by 10%, it is **75, 19.830, 287.549**.

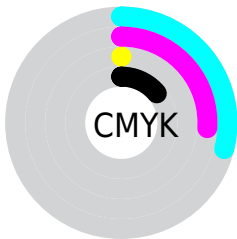
Distribution



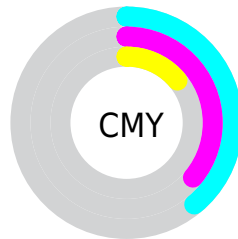
- Red (61%)
- Green (64%)
- Blue (85%)



- Red (61%)
- Yellow (63%)
- Blue (85%)



- Cyan (29%)
- Magenta (26%)
- Yellow (0%)
- Black (14%)



- Cyan (39%)
- Magenta (36%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 30.898, 289.064 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, 30.898, 289.064 by changing the saturation by 10% instead.

■ 68, 30.898,
289.064

■ 68, 30.898,
289.064

■ 100, 30.898,
289.064

■ 58, 30.898,
289.064

■ 88, 30.898,
289.064

■ 48, 30.898,
289.064

■ 98, 30.898,
289.064

■ 38, 30.898,
289.064

■ 28, 30.898,
289.064

■ 18, 30.898,
289.064

■ 8, 30.898, 289.064

■ 0, 30.898, 289.064

68, 30.898,
289.064

68, 30.898,
289.064

61, 42.398,
290.837

75, 19.830,
287.549

55, 54.359,
292.895

81, 9.165, 286.263

48, 66.765,
295.232

88, 1.131, 105.042

42, 79.473,
297.789

94, 11.086,
104.192

37, 92.047,
300.417

99, 18.600,
108.770

32, 103.542,
302.858

29, 112.508,
304.773

29, 113.307,

Harmonies

Complementary

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



68, 30.898, 289.064



84, 29.322, 102.160

Rectangle

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



68, 30.898, 289.064



68, 30.898, 339.064



68, 30.898, 109.064



68, 30.898, 159.064

Sweetspot

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



68, 30.897, 289.063



93, 10.551, 286.287



83, 21.628, 187.475



49, 7.349, 286.463



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, 30.897, 289.063



74, 43.018, 290.173



68, 35.823, 306.568



43, 5.892, 286.330



22, 94.568, 304.668



3, 27.328, 292.434

Inverse Universe

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



70, 25.173, 13.235



77, 35.237, 14.193



84, 34.043, 123.400



43, 4.680, 10.987



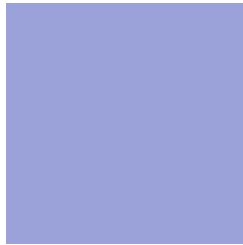
36, 73.582, 35.038



5, 23.725, 15.473

Previews

White Background



This preview shows how the CIELCh color 68, 30.898, 289.064 looks on a white background.

Color Contrast Check

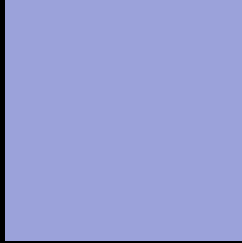
Large Text (above 18pt) WCAG AA × Fail

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, 30.898, 289.064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

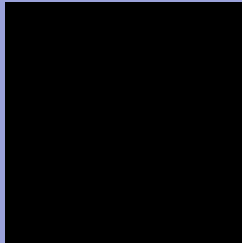
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 30.898, 289.064

Background



This preview shows how black text looks on a background with the CIELCh color 68, 30.898, 289.064.



This preview shows how white text looks on a background with the CIELCh color 68, 30.898, 289.064.

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, 30.898, 289.064

Protanopia

68, 30.473, 284.762

Deuteranopia

68, 30.382, 287.120



Tritanopia
68, 10.164, 243.945

Trichromacy



Original Color
68, 30.898, 289.064

Protanomaly
68, 30.952, 286.719

Deuteranomaly
68, 30.358, 287.712

Tritanomaly
68, 16.206, 271.937

Monochromacy



Original Color
68, 30.898, 289.064

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 11.052, 285.719

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 30.898, 289.064 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(155, 162, 218)` looks like.

```
.text, #text, p{  
    color:rgb(155, 162, 218)  
}
```

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(155, 162, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 162, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 30.898, 289.064 is called "border". The border property can be set on classes, ids or directly on the HTML element.

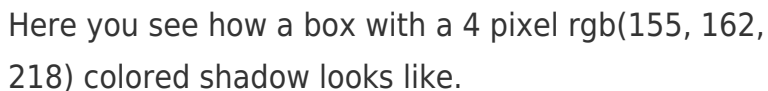
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 162, 218) }
```

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

```
.border{ border-color:rgb(155, 162, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 162, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 162, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 162, 218); box-shadow:4px 4px 4px 4px rgb(155, 162, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 30.898, 289.064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 162, 218) }
```

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

```
.background{ background-color: rgb(155,  
162, 218) }
```

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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