

Converting Colors

CIELCh(68, 31.118, 292.211)

Have a look what the booklet for
CIELCh(68, 31.118, 292.211)
contains.

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Color

CIELCh(68, 31.434, 292.121)

Conversions

Conversions Part 1

Format	Color
Hex	9FA1DA
RGB	159, 161, 218
RGB Percent	62%, 63%, 85%
CMY	0.3761, 0.3682, 0.1447
CMYK	0.27, 0.26, 0.00, 0.14
HSL	238°, 44%, 74%
HSV	238°, 27%, 86%
XYZ	39.7480, 37.9720, 71.6352
YIQ	166.9000, -19.4890, 17.3030

Conversions

Conversions Part 2

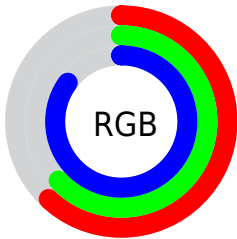
Format	Color
R_{YB}	159, 161, 218
Decimal	10461658
CIE _{Lab}	68.00, 11.84, -29.12
CIE _{LCh}	68, 31.434, 292.121
Yxy	37.9720, 0.2661, 0.2542
Android (android.graphics.Color)	4288651738 (0xFF9FA1DA)
YUV	166.9000, 25.1923, -6.9283
Hunter-Lab	61.6215, 7.3012, -25.7899

Details

The CIELCh color `68, 31.434, 292.121` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `85, 29.592, 106.096`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `87, 20.419, 290.924`, and `48, 31.246, 291.797` is the 20% darker color. If you saturate the color by 10%, you get `61, 43.959, 293.763`, and if you desaturate by 10%, it is `75, 19.418, 290.720`.

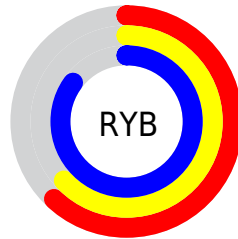
Distribution



Red (62%)

Green (63%)

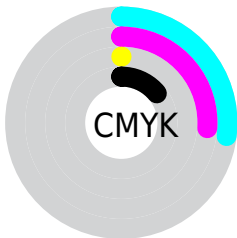
Blue (85%)



Red (62%)

Yellow (63%)

Blue (85%)

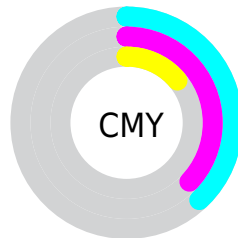


Cyan (27%)

Magenta (26%)

Yellow (0%)

Black (14%)



Cyan (38%)

Magenta (37%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 31.434, 292.121 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, 31.434, 292.121 by changing the saturation by 10% instead.

■ 68, 31.434,
292.121

■ 68, 31.434,
292.121

■ 100, 31.434,
292.121

■ 58, 31.434,
292.121

■ 88, 31.434,
292.121

■ 48, 31.434,
292.121

■ 98, 31.434,
292.121

■ 38, 31.434,
292.121

■ 28, 31.434,
292.121

■ 18, 31.434,
292.121

■ 8, 31.434, 292.121

■ 0, 31.434, 292.121

68, 31.434,
292.121

68, 31.434,
292.121

61, 43.959,
293.763

75, 19.418,
290.720

54, 57.010,
295.667

82, 7.880, 289.537

89, 3.217, 108.490

47, 70.520,
297.818

96, 13.907,
107.649

41, 84.220,
300.135

99, 18.654,
108.766

35, 97.400,
302.434

31, 108.655,
304.413

28, 116.128,
305.737

27, 117.494,

Harmonies

Complementary

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



68, 31.434, 292.121



85, 29.592, 106.096

Rectangle

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



68, 31.434, 292.121



68, 31.434, 342.121



68, 31.434, 112.121



68, 31.434, 162.121

Sweetspot

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



68, 31.433, 292.120



94, 10.165, 289.648



83, 19.869, 193.497



49, 7.244, 289.817



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, 31.433, 292.120



74, 42.668, 292.948



70, 33.768, 308.698



42, 6.399, 289.800



21, 98.625, 305.847



2, 28.903, 294.200

Inverse Universe

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



71, 23.478, 18.964



79, 32.100, 19.640



84, 32.382, 126.003



43, 4.639, 17.190



36, 76.783, 38.534



5, 23.789, 18.810

Previews

White Background



This preview shows how the CIELCh color 68, 31.434, 292.121 looks on a white background.

Color Contrast Check

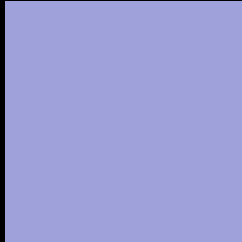
Large Text (above 18pt) WCAG AA × Fail

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, 31.434, 292.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

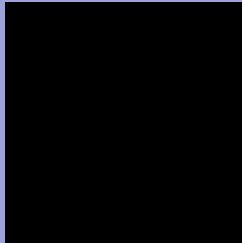
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 31.434, 292.121

Background



This preview shows how black text looks on a background with the CIELCh color 68, 31.434, 292.121.



This preview shows how white text looks on a background with the CIELCh color 68, 31.434, 292.121.

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

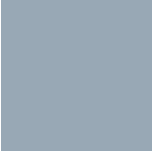
68, 31.434, 292.121

Protanopia

68, 31.013, 284.985

Deuteranopia

68, 30.382, 287.120



Tritanopia
68, 9.038, 251.719

Trichromacy



Original Color
68, 31.434, 292.121

Protanomaly
68, 30.926, 287.296

Deuteranomaly
68, 30.898, 289.064

Tritanomaly
68, 16.265, 279.517

Monochromacy



Original Color
68, 31.434, 292.121

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 11.568, 289.578

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 31.434, 292.121 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(159, 161, 218)` looks like.

```
.text, #text, p{  
    color:rgb(159, 161, 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(159, 161, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 161, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 31.434, 292.121 is called "border". The border property can be set on classes, ids or directly on the HTML element.

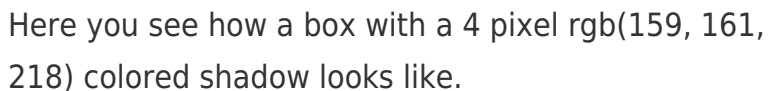
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 161, 218) }
```

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

```
.border{ border-color:rgb(159, 161, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 161, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 161, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 161, 218);  
box-shadow:4px 4px 4px 4px rgb(159, 161,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 31.434, 292.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 161, 218) }
```

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

```
.background{ background-color: rgb(159,  
161, 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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