

Converting Colors

CIELCh(68, 27.041, 290.118)

Have a look what the booklet for
CIELCh(68, 27.041, 290.118)
contains.

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Color

CIELCh(68, 27.030, 290.077)

Conversions

Conversions Part 1

Format	Color
Hex	9EA2D3
RGB	158, 162, 211
RGB Percent	62%, 64%, 83%
CMY	0.3791, 0.3635, 0.1713
CMYK	0.25, 0.23, 0.00, 0.17
HSL	235°, 38%, 72%
HSV	235°, 25%, 83%
XYZ	38.9378, 37.9720, 67.1218
YIQ	166.3900, -18.1130, 14.3910

Conversions

Conversions Part 2

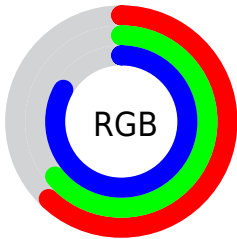
Format	Color
RYB	158, 162, 211
Decimal	10396371
CIELab	68.00, 9.28, -25.39
CIElCh	68, 27.030, 290.077
Yxy	37.9720, 0.2703, 0.2636
Android (android.graphics.Color)	4288586451 (0xFF9EA2D3)
YUV	166.3900, 21.9927, -7.3580
Hunter-Lab	61.6215, 4.9543, -21.4473

Details

The CIELCh color `68, 27.030, 290.077` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `82, 25.719, 104.371`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `87, 19.903, 287.987`, and `48, 26.567, 289.266` is the 20% darker color. If you saturate the color by 10%, you get `61, 38.558, 291.706`, and if you desaturate by 10%, it is `75, 15.949, 288.688`.

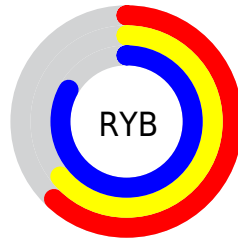
Distribution



Red (62%)

Green (64%)

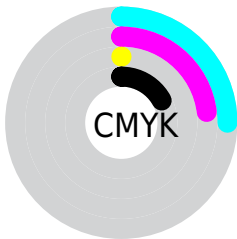
Blue (83%)



Red (62%)

Yellow (64%)

Blue (83%)

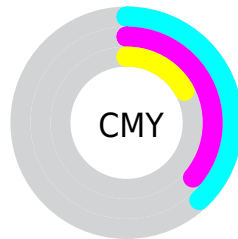


Cyan (25%)

Magenta (23%)

Yellow (0%)

Black (17%)



Cyan (38%)

Magenta (36%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 27.030, 290.077 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, 27.030, 290.077 by changing the saturation by 10% instead.

■ 68, 27.030,
290.077

■ 68, 27.030,
290.077

■ 100, 27.030,
290.077

■ 58, 27.030,
290.077

■ 88, 27.030,
290.077

■ 48, 27.030,
290.077

■ 98, 27.030,
290.077

■ 38, 27.030,
290.077

■ 28, 27.030,
290.077

■ 18, 27.030,
290.077

■ 8, 27.030, 290.077

■ 0, 27.030, 290.077

68, 27.030,
290.077

68, 27.030,
290.077

61, 38.558,
291.706

75, 15.949,
288.688

55, 50.562,
293.603

81, 5.284, 287.518

88, 4.999, 106.471

48, 63.031,
295.770

94, 14.927,
105.622

42, 75.837,
298.163

99, 22.061,
108.506

36, 88.577,
300.650

32, 100.329,
302.988

28, 109.575,
304.853

27, 112.763,

Harmonies

Complementary

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



68, 27.030, 290.077



82, 25.719, 104.371

Rectangle

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



68, 27.030, 290.077



68, 27.030, 340.077



68, 27.030, 110.077



68, 27.030, 160.077

Sweetspot

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



68, 27.029, 290.076



94, 9.729, 287.846



81, 18.271, 190.681



49, 6.932, 288.020



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, 27.029, 290.076



77, 38.036, 290.898



69, 30.284, 307.451



41, 5.887, 287.997



21, 94.463, 305.261



2, 24.213, 291.417

Inverse Universe

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



70, 21.039, 15.496



80, 29.795, 16.178



82, 29.064, 124.866



41, 4.474, 13.834



35, 73.417, 36.730



4, 20.036, 15.953

Previews

White Background



This preview shows how the CIELCh color 68, 27.030, 290.077 looks on a white background.

Color Contrast Check

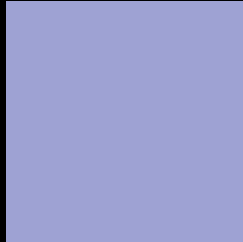
Large Text (above 18pt) WCAG AA × Fail

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, 27.030, 290.077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

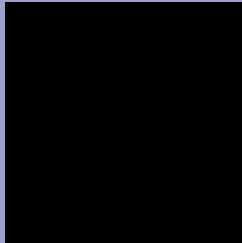
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 27.030, 290.077

Background



This preview shows how black text looks on a background with the CIELCh color 68, 27.030, 290.077.



This preview shows how white text looks on a background with the CIELCh color 68, 27.030, 290.077.

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

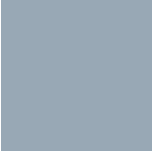
68, 27.030, 290.077

Protanopia

68, 26.583, 285.033

Deuteranopia

68, 26.465, 289.233



Tritanopia
68, 9.038, 251.719

Trichromacy



Original Color
68, 27.030, 290.077

Protanomaly
68, 27.068, 287.310

Deuteranomaly
68, 26.465, 289.233

Tritanomaly
68, 14.808, 275.274

Monochromacy



Original Color
68, 27.030, 290.077

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 9.919, 289.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 27.030, 290.077 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(158, 162, 211)` looks like.

```
.text, #text, p{  
    color:rgb(158, 162, 211)  
}
```

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(158, 162, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 162, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 27.030, 290.077 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(158, 162, 211) }
```

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

```
.border{ border-color:rgb(158, 162, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 162, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 162, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 162, 211);  
box-shadow:4px 4px 4px 4px rgb(158, 162,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 27.030, 290.077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 162, 211) }
```

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

```
.background{ background-color: rgb(158,  
162, 211) }
```

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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