

Converting Colors

CIELCh(68, 26.239, 283.268)

Have a look what the booklet for
CIELCh(68, 26.239, 283.268)
contains.

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Color

CIELCh(68, 26.659, 283.671)

Conversions

Conversions Part 1

Format	Color
Hex	97A4D4
RGB	151, 164, 212
RGB Percent	59%, 64%, 83%
CMY	0.4071, 0.3562, 0.1679
CMYK	0.29, 0.23, 0.00, 0.17
HSL	227°, 42%, 71%
HSV	227°, 29%, 83%
XYZ	38.0085, 37.9720, 67.7344
YIQ	165.5850, -23.1560, 12.1720

Conversions

Conversions Part 2

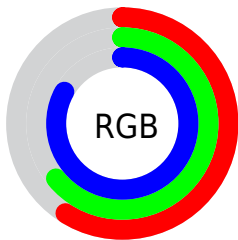
Format	Color
RYB	151, 162, 212
Decimal	9938132
CIELab	68.00, 6.30, -25.90
CIElCh	68, 26.659, 283.671
Yxy	37.9720, 0.2645, 0.2642
Android (android.graphics.Color)	4288128212 (0xFF97A4D4)
YUV	165.5850, 22.8826, -12.7910
Hunter-Lab	61.6215, 2.2622, -22.0367

Details

The CIELCh color `68, 26.659, 283.671` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `80, 25.870, 96.213`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `87, 19.197, 278.835`, and `48, 26.776, 283.727` is the 20% darker color. If you saturate the color by 10%, you get `62, 36.480, 285.562`, and if you desaturate by 10%, it is `74, 17.137, 282.053`.

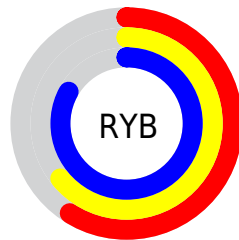
Distribution



Red (59%)

Green (64%)

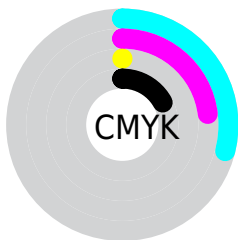
Blue (83%)



Red (59%)

Yellow (64%)

Blue (83%)

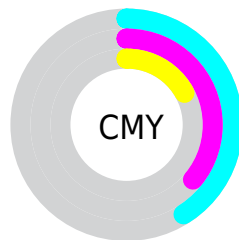


Cyan (29%)

Magenta (23%)

Yellow (0%)

Black (17%)



Cyan (41%)


Magenta (36%)


Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 26.659, 283.671 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, 26.659, 283.671 by changing the saturation by 10% instead.


 68, 26.659,
283.671


 68, 26.659,
283.671


 100, 26.659,
283.671


 58, 26.659,
283.671


 88, 26.659,
283.671

 48, 26.659,
283.671

 98, 26.659,
283.671

 38, 26.659,
283.671

 28, 26.659,
283.671

 18, 26.659,
283.671

 8, 26.659, 283.671

 0, 26.659, 283.671

■ 68, 26.659,
283.671

■ 68, 26.659,
283.671

■ 62, 36.480,
285.562

■ 74, 17.137,
282.053

■ 56, 46.634,
287.763

■ 80, 7.891, 280.678

■ 86, 1.100, 99.310

■ 51, 57.145,
290.286

■ 92, 9.850, 98.423

■ 45, 68.003,
293.108

■ 97, 18.228,
100.166

■ 40, 79.083,
296.134

■ 99, 21.632,
108.539

■ 35, 90.016,
299.179

■ 31, 100.077,
301.949

■ 31, 101.234,

Harmonies

Complementary

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



68, 26.659, 283.671



80, 25.870, 96.213

Rectangle

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



68, 26.659, 283.671



68, 26.659, 333.671



68, 26.659, 103.671



68, 26.659, 153.671

Sweetspot

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



68, 26.658, 283.670



94, 9.424, 280.721



81, 22.217, 179.286



49, 6.561, 280.910



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, 26.658, 283.670



76, 38.048, 284.889



66, 34.482, 303.178



42, 5.161, 280.763



24, 85.007, 301.841



3, 23.563, 288.649

Inverse Universe

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



69, 24.857, 5.432



77, 35.566, 6.436



82, 32.519, 119.461



42, 4.725, 3.080



36, 68.062, 28.104



5, 22.075, 10.291

Previews

White Background



This preview shows how the CIELCh color 68, 26.659, 283.671 looks on a white background.

Color Contrast Check

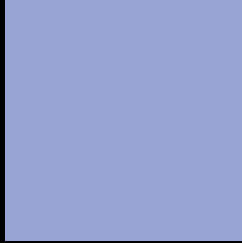
Large Text (above 18pt) WCAG AA × Fail

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, 26.659, 283.671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

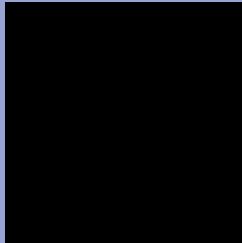
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 26.659, 283.671

Background



This preview shows how black text looks on a background with the CIELCh color 68, 26.659, 283.671.



This preview shows how white text looks on a background with the CIELCh color 68, 26.659, 283.671.

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

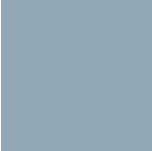
68, 26.659, 283.671

Protanopia

68, 26.583, 285.033

Deuteranopia

68, 27.574, 288.825



Tritanopia
68, 11.242, 242.432

Trichromacy



Original Color
68, 26.659, 283.671

Protanomaly
68, 26.620, 284.350

Deuteranomaly
68, 27.613, 287.488

Tritanomaly
68, 16.167, 266.687

Monochromacy



Original Color
68, 26.659, 283.671

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 9.996, 282.917

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 26.659, 283.671 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(151, 164, 212)` looks like.

```
.text, #text, p{  
    color:rgb(151, 164, 212)  
}
```

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(151, 164, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 164, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 26.659, 283.671 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(151, 164, 212) }
```

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

```
.border{ border-color:rgb(151, 164, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 164, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 164, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 164, 212);  
box-shadow:4px 4px 4px 4px rgb(151, 164,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 26.659, 283.671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 164, 212) }
```

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

```
.background{ background-color: rgb(151,  
164, 212) }
```

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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