

Converting Colors

CIELCh(68, 28.757, 287.215)

Have a look what the booklet for
CIELCh(68, 28.757, 287.215)
contains.

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Color

CIELCh(68, 28.726, 287.194)

Conversions

Conversions Part 1

Format	Color
Hex	9AA3D7
RGB	154, 163, 215
RGB Percent	60%, 64%, 84%
CMY	0.3961, 0.3608, 0.1568
CMYK	0.28, 0.24, 0.00, 0.16
HSL	231°, 43%, 72%
HSV	231°, 28%, 84%
XYZ	38.6907, 37.9720, 69.5821
YIQ	166.2370, -22.0560, 14.2640

Conversions

Conversions Part 2

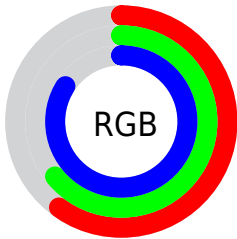
Format	Color
RYB	154, 162, 215
Decimal	10134487
CIELab	68.00, 8.49, -27.44
CIElCh	68, 28.726, 287.194
Yxy	37.9720, 0.2646, 0.2596
Android (android.graphics.Color)	4288324567 (0xFF9AA3D7)
YUV	166.2370, 24.0402, -10.7318
Hunter-Lab	61.6215, 4.2384, -23.8144

Details

The CIELCh color `68, 28.726, 287.194` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `82, 27.483, 100.226`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `87, 19.512, 283.000`, and `48, 28.982, 287.441` is the 20% darker color. If you saturate the color by 10%, you get `62, 39.548, 288.994`, and if you desaturate by 10%, it is `74, 18.286, 285.655`.

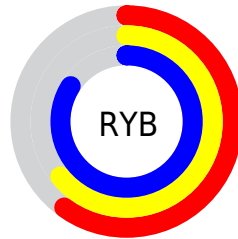
Distribution



Red (60%)

Green (64%)

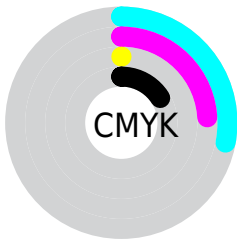
Blue (84%)



Red (60%)

Yellow (64%)

Blue (84%)

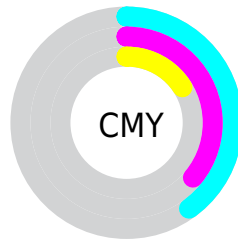


Cyan (28%)

Magenta (24%)

Yellow (0%)

Black (16%)



Cyan (40%)

Magenta (36%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 28.726, 287.194 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, 28.726, 287.194 by changing the saturation by 10% instead.

■ 68, 28.726,
287.194

■ 68, 28.726,
287.194

■ 100, 28.726,
287.194

■ 58, 28.726,
287.194

■ 88, 28.726,
287.194

■ 48, 28.726,
287.194

■ 98, 28.726,
287.194

■ 38, 28.726,
287.194

■ 28, 28.726,
287.194

■ 18, 28.726,
287.194

■ 8, 28.726, 287.194

■ 0, 28.726, 287.194

68, 28.726,
287.194

68, 28.726,
287.194

62, 39.548,
288.994

74, 18.286,
285.655

55, 50.787,
291.086

81, 8.201, 284.349

87, 1.559, 103.120

49, 62.448,
293.475

93, 11.015,
102.229

43, 74.456,
296.119

99, 20.041,
108.284

38, 86.531,
298.895

99, 20.214,
108.647

33, 97.996,
301.580

30, 107.690,
303.855

29, 109.026,

Harmonies

Complementary

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



68, 28.726, 287.194



82, 27.483, 100.226

Rectangle

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



68, 28.726, 287.194



68, 28.726, 337.194



68, 28.726, 107.194



68, 28.726, 157.194

Sweetspot

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



68, 28.725, 287.193



93, 10.137, 284.435



82, 21.366, 184.694



49, 7.060, 284.616



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, 28.725, 287.193



75, 39.953, 288.233



67, 34.612, 305.407



42, 5.552, 284.476



22, 90.826, 303.821



3, 24.773, 290.493

Inverse Universe

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



70, 24.479, 10.351



78, 34.186, 11.238



83, 32.834, 122.136



42, 4.628, 8.104



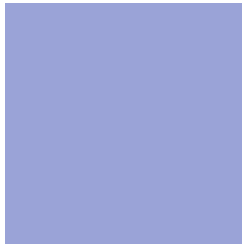
35, 71.044, 32.791



5, 21.994, 13.191

Previews

White Background



This preview shows how the CIELCh color 68, 28.726, 287.194 looks on a white background.

Color Contrast Check

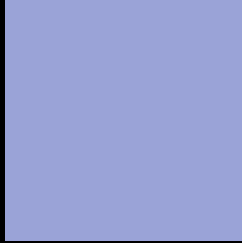
Large Text (above 18pt) WCAG AA × Fail

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, 28.726, 287.194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

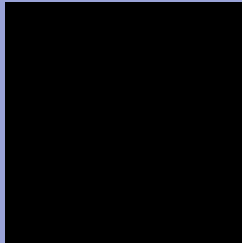
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 28.726, 287.194

Background



This preview shows how black text looks on a background with the CIELCh color 68, 28.726, 287.194.



This preview shows how white text looks on a background with the CIELCh color 68, 28.726, 287.194.

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, 28.726, 287.194

Protanopia

68, 28.242, 285.065

Deuteranopia

68, 28.703, 287.829



Tritanopia
68, 10.407, 242.613

Trichromacy



Original Color
68, 28.726, 287.194

Protanomaly
68, 28.208, 285.704

Deuteranomaly
68, 28.703, 287.829

Tritanomaly
68, 15.806, 270.005

Monochromacy



Original Color
68, 28.726, 287.194

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 10.505, 285.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 28.726, 287.194 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(154, 163, 215)` looks like.

```
.text, #text, p{  
    color:rgb(154, 163, 215)  
}
```

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(154, 163, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 163, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 28.726, 287.194 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(154, 163, 215) }
```

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

```
.border{ border-color:rgb(154, 163, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 163, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 163, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 163, 215);  
box-shadow:4px 4px 4px 4px rgb(154, 163,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 28.726, 287.194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 163, 215) }
```

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

```
.background{ background-color: rgb(154,  
163, 215) }
```

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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