

Converting Colors

CIELCh(70, 28.542, 289.035)

Have a look what the booklet for
CIELCh(70, 28.542, 289.035)
contains.

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Color

CIELCh(70, 28.511, 289.017)

Conversions

Conversions Part 1

Format	Color
Hex	A2A8DC
RGB	162, 168, 220
RGB Percent	64%, 66%, 86%
CMY	0.3655, 0.3419, 0.1381
CMYK	0.26, 0.24, 0.00, 0.14
HSL	234°, 45%, 75%
HSV	234°, 26%, 86%
XYZ	41.7167, 40.7494, 73.2321
YIQ	172.1340, -20.2680, 14.9000

Conversions

Conversions Part 2

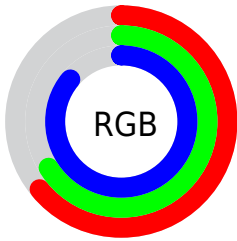
Format	Color
RYB	162, 167, 220
Decimal	10660060
CIELab	70.00, 9.29, -26.95
CIElCh	70, 28.511, 289.017
Yxy	40.7494, 0.2679, 0.2617
Android (android.graphics.Color)	4288850140 (0xFFA2A8DC)
YUV	172.1340, 23.5979, -8.8875
Hunter-Lab	63.8353, 4.9391, -23.3330

Details

The CIELCh color **70, 28.511, 289.017** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **85, 27.164, 102.821**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 16.717, 285.784**, and **50, 28.699, 289.156** is the 20% darker color. If you saturate the color by 10%, you get **63, 40.074, 290.716**, and if you desaturate by 10%, it is **77, 17.383, 287.568**.

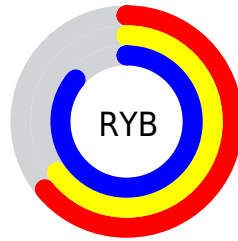
Distribution



Red (64%)

Green (66%)

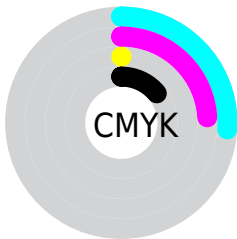
Blue (86%)



Red (64%)

Yellow (65%)

Blue (86%)

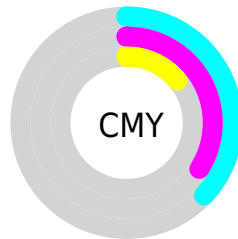


Cyan (26%)

Magenta (24%)

Yellow (0%)

Black (14%)



Cyan (37%)

Magenta (34%)


Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 28.511, 289.017 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 70, 28.511, 289.017 by changing the saturation by 10% instead.


 70, 28.511,
289.017

 70, 28.511,
289.017


 100, 28.511,
289.017

 60, 28.511,
289.017


 90, 28.511,
289.017

 50, 28.511,
289.017

 40, 28.511,
289.017

 30, 28.511,
289.017

 20, 28.511,
289.017

 10, 28.511,
289.017

 0, 28.511, 289.017

70, 28.511,
289.017

70, 28.511,
289.017

63, 40.074,
290.716

77, 17.383,
287.568

57, 52.106,
292.692

83, 6.659, 286.342

90, 3.692, 105.239

50, 64.599,
294.951

97, 13.699,
104.358

44, 77.443,
297.446

99, 17.804,
108.831

38, 90.268,
300.048

33, 102.214,
302.520

30, 111.845,
304.541

29, 114.491,

Harmonies

Complementary

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



70, 28.511, 289.017



85, 27.164, 102.821

Rectangle

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



70, 28.511, 289.017



70, 28.511, 339.017



70, 28.511, 109.017



70, 28.511, 159.017

Sweetspot

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



70, 28.510, 289.016



94, 9.440, 286.533



84, 20.023, 187.686



49, 6.725, 286.711



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70, 28.510, 289.016



76, 39.445, 289.984



70, 32.802, 306.403



43, 5.940, 286.693



22, 95.055, 304.814



3, 27.480, 292.615

Inverse Universe

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



72, 22.962, 13.483



79, 31.957, 14.302



85, 31.322, 123.532



43, 4.674, 11.585



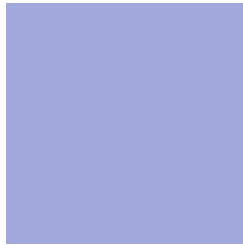
36, 73.924, 35.444



5, 23.728, 15.798

Previews

White Background



This preview shows how the CIELCh color 70, 28.511, 289.017 looks on a white background.

Color Contrast Check

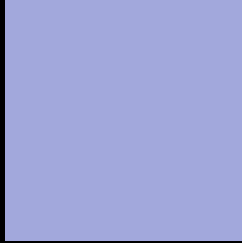
Large Text (above 18pt) WCAG AA × Fail

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 70, 28.511, 289.017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

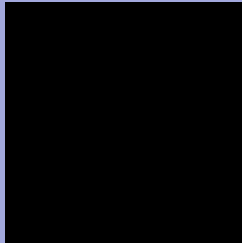
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 28.511, 289.017

Background



This preview shows how black text looks on a background with the CIELCh color 70, 28.511, 289.017.



This preview shows how white text looks on a background with the CIELCh color 70, 28.511, 289.017.

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

70, 28.511, 289.017

Protanopia

70, 28.630, 285.180

Deuteranopia

70, 28.511, 289.017



Tritanopia
70, 10.037, 249.048

Trichromacy



Original Color
70, 28.511, 289.017

Protanomaly
70, 28.568, 286.439

Deuteranomaly
70, 28.511, 289.017

Tritanomaly
70, 16.025, 272.980

Monochromacy



Original Color
70, 28.511, 289.017

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 10.424, 287.275

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 28.511, 289.017 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(162, 168, 220)` looks like.

```
.text, #text, p{  
    color:rgb(162, 168, 220)  
}
```

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(162, 168, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 168, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 28.511, 289.017 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(162, 168, 220) }
```

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

```
.border{ border-color:rgb(162, 168, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 168, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 168, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 168, 220);  
box-shadow:4px 4px 4px 4px rgb(162, 168,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 28.511, 289.017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 168, 220) }
```

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

```
.background{ background-color: rgb(162,  
168, 220) }
```

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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