

Converting Colors

CIELCh(70, 16.889, 281.812)

Have a look what the booklet for
CIELCh(70, 16.889, 281.812)
contains.

CIELCh(70, 17.140, 282.612)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(70, 17.140, 282.612)

Conversions

Conversions Part 1

Format	Color
Hex	A2AAC9
RGB	162, 170, 201
RGB Percent	64%, 67%, 79%
CMY	0.3639, 0.3326, 0.2110
CMYK	0.19, 0.15, 0.00, 0.21
HSL	228°, 27%, 71%
HSV	228°, 19%, 79%
XYZ	39.9161, 40.7494, 61.1421
YIQ	171.1420, -14.7190, 7.9450

Conversions

Conversions Part 2

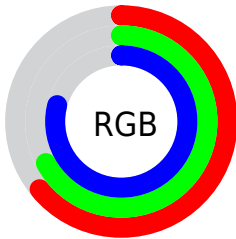
Format	Color
RYB	162, 169, 201
Decimal	10660553
CIELab	70.00, 3.74, -16.73
CIELCh	70, 17.140, 282.612
Yxy	40.7494, 0.2815, 0.2874
Android (android.graphics.Color)	4288850633 (0xFFA2AAC9)
YUV	171.1420, 14.7200, -8.0175
Hunter-Lab	63.8353, -0.0960, -12.1039

Details

The CIELCh color $70, 17.140, 282.612$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $78, 16.791, 97.854$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 15.774, 281.671$, and $50, 17.134, 282.764$ is the 20% darker color. If you saturate the color by 10%, you get $64, 26.366, 284.226$, and if you desaturate by 10%, it is $76, 8.184, 281.233$.

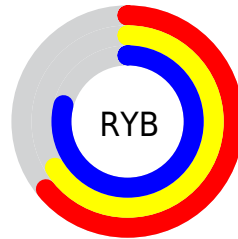
Distribution



Red (64%)

Green (67%)

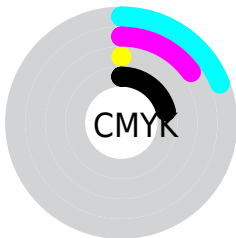
Blue (79%)



Red (64%)

Yellow (66%)

Blue (79%)

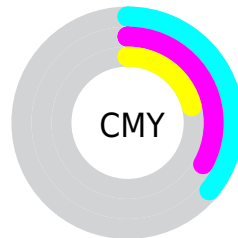


Cyan (19%)

Magenta (15%)

Yellow (0%)

Black (21%)



Cyan (36%)


Magenta (33%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 17.140, 282.612 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, 17.140, 282.612 by changing the saturation by 10% instead.


 70, 17.140,
282.612


 70, 17.140,
282.612


 100, 17.140,
282.612


 60, 17.140,
282.612


 90, 17.140,
282.612

 50, 17.140,
282.612

 40, 17.140,
282.612

 30, 17.140,
282.612

 20, 17.140,
282.612

 10, 17.140,
282.612

 0, 17.140, 282.612

70, 17.140,
282.612

70, 17.140,
282.612

64, 26.366,
284.226

76, 8.184, 281.233

59, 35.892,
286.117

81, 0.518, 99.713

87, 8.983, 98.981

53, 45.746,
288.313

93, 17.223, 98.101

47, 55.951,
290.827

98, 24.858,
104.053

42, 66.485,
293.629

99, 27.136,
108.117

37, 77.209,
296.620

33, 87.730,
299.608

29, 97.308,

302.282

■ 29, 97.849,
302.422

Harmonies

Complementary

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



70, 17.140, 282.612



78, 16.791, 97.854

Rectangle

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



70, 17.140, 282.612



70, 17.140, 332.612



70, 17.140, 102.612



70, 17.140, 152.612

Sweetspot

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



70, 17.139, 282.609



96, 6.316, 280.831



78, 14.615, 180.240



51, 4.192, 280.909



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, 17.139, 282.609



84, 24.788, 283.215



69, 21.898, 302.437



39, 4.898, 281.231



23, 82.662, 302.020



3, 18.466, 285.825

Inverse Universe

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



70, 15.681, 4.794



85, 22.761, 5.282



79, 21.081, 120.031



39, 4.431, 3.668



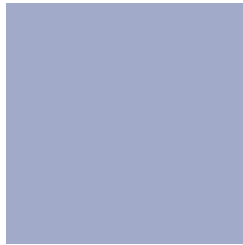
34, 66.014, 28.501



3, 16.196, 8.899

Previews

White Background



This preview shows how the CIELCh color 70, 17.140, 282.612 looks on a white background.

Color Contrast Check

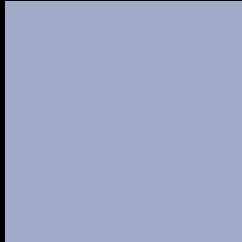
Large Text (above 18pt) WCAG AA × Fail

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, 17.140, 282.612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

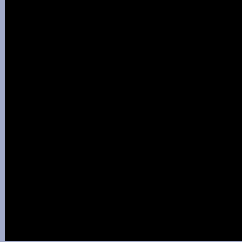
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

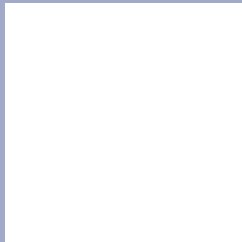
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 17.140, 282.612

Background



This preview shows how black text looks on a background with the CIELCh color 70, 17.140, 282.612.



This preview shows how white text looks on a background with the CIELCh color 70, 17.140, 282.612.

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

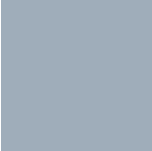
70, 17.140, 282.612

Protanopia

70, 17.568, 287.399

Deuteranopia

70, 19.320, 297.238



Tritanopia
70, 8.591, 255.350

Trichromacy



Original Color
70, 17.140, 282.612

Protanomaly
70, 17.591, 286.285

Deuteranomaly
70, 18.652, 292.020

Tritanomaly
70, 11.634, 269.997

Monochromacy



Original Color
70, 17.140, 282.612

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 6.106, 280.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 17.140, 282.612 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, 170, 201)` looks like.

```
.text, #text, p{  
    color:rgb(162, 170, 201)  
}
```

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, 170, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 170, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 17.140, 282.612 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, 170, 201) }
```

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

```
.border{ border-color:rgb(162, 170, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 170, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 170, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 170, 201);  
box-shadow:4px 4px 4px 4px rgb(162, 170,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 17.140, 282.612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 170, 201) }
```

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

```
.background{ background-color: rgb(162,  
170, 201) }
```

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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