

Converting Colors

CIELCh(70, 14.074, 282.037)

Have a look what the booklet for
CIELCh(70, 14.074, 282.037)
contains.

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Color

CIELCh(70, 14.355, 283.183)

Conversions

Conversions Part 1

Format	Color
Hex	A4AAC4
RGB	164, 170, 196
RGB Percent	64%, 67%, 77%
CMY	0.3560, 0.3324, 0.2304
CMYK	0.16, 0.13, 0.00, 0.23
HSL	229°, 21%, 71%
HSV	229°, 16%, 77%
XYZ	39.7664, 40.7494, 58.1359
YIQ	171.1700, -11.9220, 6.8140

Conversions

Conversions Part 2

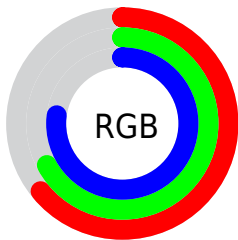
Format	Color
RYB	164, 169, 196
Decimal	10791620
CIELab	70.00, 3.27, -13.98
CIELCh	70, 14.355, 283.183
Yxy	40.7494, 0.2868, 0.2939
Android (android.graphics.Color)	4288981700 (0xFFA4AAC4)
YUV	171.1700, 12.2412, -6.2881
Hunter-Lab	63.8353, -0.5146, -9.3118

Details

The CIELCh color `70, 14.355, 283.183` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `77, 14.077, 99.296`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `90, 14.661, 283.438`, and `50, 14.166, 283.087` is the 20% darker color. If you saturate the color by 10%, you get `64, 23.510, 284.697`, and if you desaturate by 10%, it is `76, 5.476, 281.894`.

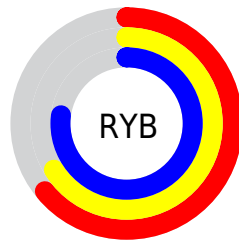
Distribution



Red (64%)

Green (67%)

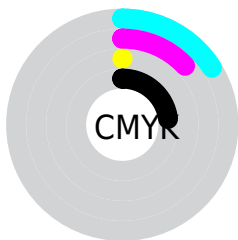
Blue (77%)



Red (64%)

Yellow (66%)

Blue (77%)

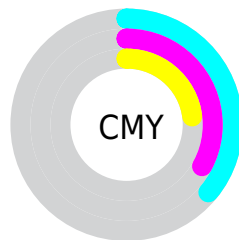


Cyan (16%)

Magenta (13%)

Yellow (0%)

Black (23%)



Cyan (36%)


Magenta (33%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 14.355, 283.183 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, 14.355, 283.183 by changing the saturation by 10% instead.


 70, 14.355,
283.183


 70, 14.355,
283.183


 100, 14.355,
283.183


 60, 14.355,
283.183


 90, 14.355,
283.183

 50, 14.355,
283.183

 40, 14.355,
283.183

 30, 14.355,
283.183

 20, 14.355,
283.183

 10, 14.355,
283.183

 0, 14.355, 283.183

70, 14.355,
283.183

70, 14.355,
283.183

64, 23.510,
284.697

76, 5.476, 281.894

59, 32.970,
286.474

81, 3.142, 100.701

87, 11.518, 99.771

53, 42.763,
288.542

93, 19.665, 98.940

47, 52.912,
290.920

97, 27.250,
104.048

42, 63.406,
293.591

99, 29.610,
107.927

37, 74.129,
296.473

33, 84.731,
299.398

29, 94.489,

302.101

■ 28, 97.705,
302.938

Harmonies

Complementary

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



70, 14.355, 283.183



77, 14.077, 99.296

Rectangle

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



70, 14.355, 283.183



70, 14.355, 333.183



70, 14.355, 103.183



70, 14.355, 153.183

Sweetspot

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



70, 14.354, 283.179



97, 5.360, 281.753



77, 12.006, 181.827



51, 3.660, 281.834



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, 14.354, 283.179



86, 21.903, 283.758



69, 17.990, 302.808



38, 4.890, 282.261



22, 83.200, 302.568



2, 16.929, 285.532

Inverse Universe

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



70, 12.762, 5.762



87, 19.557, 6.232



78, 17.438, 120.872



38, 4.310, 5.002



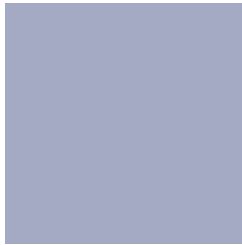
33, 65.954, 29.749



3, 14.255, 9.277

Previews

White Background



This preview shows how the CIELCh color 70, 14.355, 283.183 looks on a white background.

Color Contrast Check

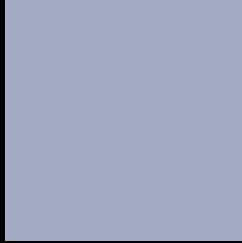
Large Text (above 18pt) WCAG AA × Fail

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, 14.355, 283.183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

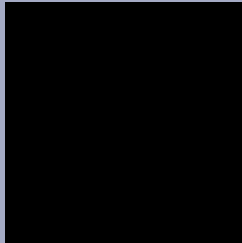
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 14.355, 283.183

Background



This preview shows how black text looks on a background with the CIELCh color 70, 14.355, 283.183.



This preview shows how white text looks on a background with the CIELCh color 70, 14.355, 283.183.

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

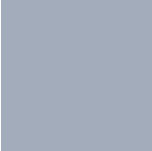
70, 14.355, 283.183

Protanopia

70, 14.284, 285.950

Deuteranopia

70, 16.752, 301.535



Tritanopia
70, 8.387, 265.663

Trichromacy



Original Color
70, 14.355, 283.183

Protanomaly
70, 14.316, 284.561

Deuteranomaly
70, 15.964, 295.548

Tritanomaly
70, 10.726, 275.863

Monochromacy



Original Color
70, 14.355, 283.183

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 4.974, 282.194

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 14.355, 283.183 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(164, 170, 196)` looks like.

```
.text, #text, p{  
    color:rgb(164, 170, 196)  
}
```

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(164, 170, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 170, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 14.355, 283.183 is called "border". The border property can be set on classes, ids or directly on the HTML element.

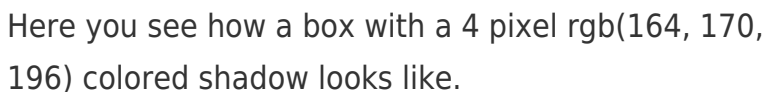
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(164, 170, 196) }
```

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

```
.border{ border-color:rgb(164, 170, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(164, 170, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 170, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 170, 196); box-shadow:4px 4px 4px 4px rgb(164, 170, 196) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 14.355, 283.183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 170, 196) }
```

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

```
.background{ background-color: rgb(164,  
170, 196) }
```

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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