

Converting Colors

CIELCh(70, 14.932, 287.707)

Have a look what the booklet for
CIELCh(70, 14.932, 287.707)
contains.

CIELCh(70, 14.806, 287.568)	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, 14.806, 287.568)

Conversions

Conversions Part 1

Format	Color
Hex	A7AAC5
RGB	167, 170, 197
RGB Percent	65%, 67%, 77%
CMY	0.3469, 0.3351, 0.2293
CMYK	0.15, 0.14, 0.00, 0.23
HSL	234°, 20%, 71%
HSV	234°, 15%, 77%
XYZ	40.1489, 40.7494, 58.2852
YIQ	172.1810, -10.4550, 7.7610

Conversions

Conversions Part 2

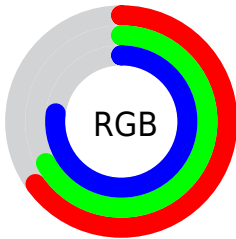
Format	Color
RYB	167, 170, 197
Decimal	10988229
CIELab	70.00, 4.47, -14.12
CIELCh	70, 14.806, 287.568
Yxy	40.7494, 0.2885, 0.2928
Android (android.graphics.Color)	4289178309 (0xFFA7AAC5)
YUV	172.1810, 12.2358, -4.5437
Hunter-Lab	63.8353, 0.5550, -9.4504

Details

The CIELCh color **70, 14.806, 287.568** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **78, 14.410, 104.200**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 15.094, 287.553**, and **50, 14.645, 287.749** is the 20% darker color. If you saturate the color by 10%, you get **64, 24.956, 288.970**, and if you desaturate by 10%, it is **76, 5.019, 286.378**.

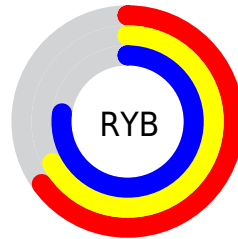
Distribution



Red (65%)

Green (67%)

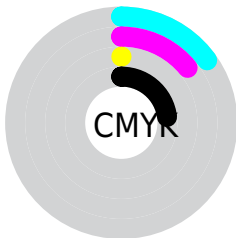
Blue (77%)



Red (65%)

Yellow (67%)

Blue (77%)

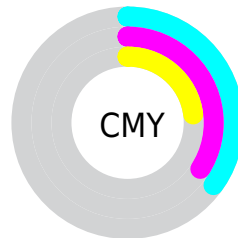


Cyan (15%)

Magenta (14%)

Yellow (0%)

Black (23%)



Cyan (35%)


Magenta (34%)

Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 14.806, 287.568 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, 14.806, 287.568 by changing the saturation by 10% instead.

 70, 14.806,
287.568

 70, 14.806,
287.568


 100, 14.806,
287.568


 60, 14.806,
287.568


 90, 14.806,
287.568

 50, 14.806,
287.568

 40, 14.806,
287.568

 30, 14.806,
287.568

 20, 14.806,
287.568

 10, 14.806,
287.568

 0, 14.806, 287.568

70, 14.806,
287.568

70, 14.806,
287.568

64, 24.956,
288.970

76, 5.019, 286.378

58, 35.503,
290.619

82, 4.430, 105.307

52, 46.475,
292.538

88, 13.567,
104.442

46, 57.872,
294.735

94, 22.410,
103.687

40, 69.610,
297.174

99, 29.469,
107.938

35, 81.396,
299.742

30, 92.523,
302.219

26, 101.748,

304.302

■ 25, 105.088,
305.021

Harmonies

Complementary

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



70, 14.806, 287.568



78, 14.410, 104.200

Rectangle

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



70, 14.806, 287.568



70, 14.806, 337.568



70, 14.806, 107.568



70, 14.806, 157.568

Sweetspot

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



70, 14.804, 287.565



96, 5.894, 286.358



77, 10.871, 188.632



51, 4.025, 286.435



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, 14.804, 287.565



86, 21.694, 287.966



70, 17.015, 305.703



39, 5.500, 286.841



20, 90.844, 304.799



2, 19.998, 289.080

Inverse Universe

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



71, 11.701, 12.434



88, 17.221, 12.758



78, 16.580, 124.128



39, 4.308, 11.844



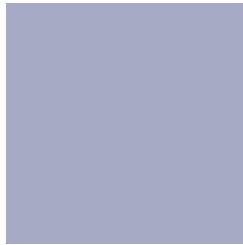
34, 70.653, 35.401



3, 15.969, 14.225

Previews

White Background



This preview shows how the CIELCh color 70, 14.806, 287.568 looks on a white background.

Color Contrast Check

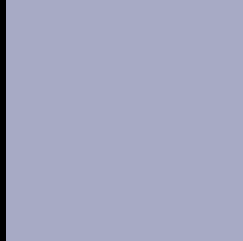
Large Text (above 18pt) WCAG AA × Fail

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 70, 14.806, 287.568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

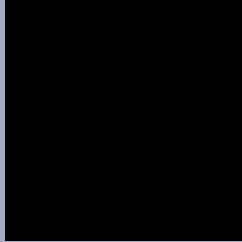
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

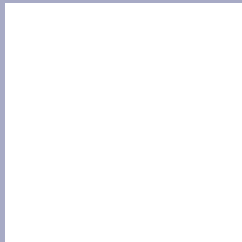
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 14.806, 287.568

Background



This preview shows how black text looks on a background with the CIELCh color 70, 14.806, 287.568.



This preview shows how white text looks on a background with the CIELCh color 70, 14.806, 287.568.

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, 14.806, 287.568

Protanopia

70, 14.828, 286.224

Deuteranopia

70, 16.752, 301.535



Tritanopia
70, 7.927, 275.110

Trichromacy



Original Color
70, 14.806, 287.568

Protanomaly
70, 14.828, 286.224

Deuteranomaly
70, 15.996, 296.811

Tritanomaly
70, 10.484, 283.383

Monochromacy



Original Color
70, 14.806, 287.568

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 5.484, 286.900

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 14.806, 287.568 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(167, 170, 197)` looks like.

```
.text, #text, p{  
    color:rgb(167, 170, 197)  
}
```

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(167, 170, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 170, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 14.806, 287.568 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(167, 170, 197) }
```

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

```
.border{ border-color:rgb(167, 170, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 170, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 170, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 170, 197);  
box-shadow:4px 4px 4px 4px rgb(167, 170,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 14.806, 287.568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 170, 197) }
```

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

```
.background{ background-color: rgb(167,  
170, 197) }
```

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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