

Converting Colors

CIELCh(70, 19.754, 293.122)

Have a look what the booklet for
CIELCh(70, 19.754, 293.122)
contains.

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Color

CIELCh(70, 19.754, 293.122)

Conversions

Conversions Part 1

Format	Color
Hex	A9A8CC
RGB	169, 168, 204
RGB Percent	66%, 66%, 80%
CMY	0.3376, 0.3415, 0.2004
CMYK	0.17, 0.18, 0.00, 0.20
HSL	242°, 26%, 73%
HSV	242°, 18%, 80%
XYZ	41.2138, 40.7494, 62.7577
YIQ	172.4030, -10.9600, 11.4080

Conversions

Conversions Part 2

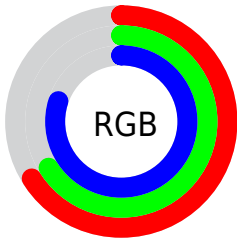
Format	Color
R _{YB}	169, 168, 204
Decimal	11118796
CIE Lab	70.00, 7.76, -18.17
CIE LCh	70, 19.754, 293.122
Yxy	40.7494, 0.2848, 0.2816
Android (android.graphics.Color)	4289308876 (0xFFA9A8CC)
YUV	172.4030, 15.5773, -2.9844
Hunter-Lab	63.8353, 3.5329, -13.6045

Details

The CIELCh color $70, 19.754, 293.122$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $81, 18.970, 109.645$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 16.686, 293.838$, and $50, 19.926, 292.717$ is the 20% darker color. If you saturate the color by 10%, you get $63, 31.592, 294.426$, and if you desaturate by 10%, it is $77, 8.396, 292.012$.

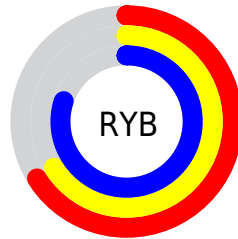
Distribution



Red (66%)

Green (66%)

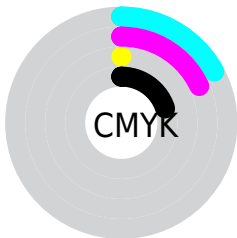
Blue (80%)



Red (66%)

Yellow (66%)

Blue (80%)

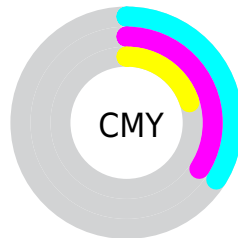


Cyan (17%)

Magenta (18%)

Yellow (0%)

Black (20%)



Cyan (34%)

Magenta (34%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 19.754, 293.122 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, 19.754, 293.122 by changing the saturation by 10% instead.

■ 70, 19.754,
293.122

■ 70, 19.754,
293.122

■ 100, 19.754,
293.122

■ 60, 19.754,
293.122

■ 90, 19.754,
293.122

■ 50, 19.754,
293.122

■ 40, 19.754,
293.122

■ 30, 19.754,
293.122

■ 20, 19.754,
293.122

■ 10, 19.754,
293.122

■ 0, 19.754, 293.122

70, 19.754,
293.122

70, 19.754,
293.122

63, 31.592,
294.426

77, 8.396, 292.012

56, 43.939,
295.950

84, 2.513, 111.039

50, 56.783,
297.702

90, 13.006,
110.253

43, 70.012,
299.657

97, 23.115,
109.569

37, 83.267,
301.719

99, 25.784,
108.221

32, 95.691,
303.689

28, 105.738,
305.259

25, 111.802,

306.172

■ 25, 112.929,
306.359

Harmonies

Complementary

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



70, 19.754, 293.122



81, 18.970, 109.645

Rectangle

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



70, 19.754, 293.122



70, 19.754, 343.122



70, 19.754, 113.122



70, 19.754, 163.122

Sweetspot

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



70, 19.752, 293.120



96, 6.547, 291.756



79, 12.308, 200.034



51, 4.472, 291.825



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, 19.752, 293.120



83, 28.385, 293.569



71, 20.833, 310.446



39, 6.246, 292.192



19, 96.781, 306.380



1, 23.549, 293.163

Inverse Universe

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



73, 23.095, 326.153



87, 32.964, 326.355



80, 20.357, 128.865



40, 7.398, 325.684



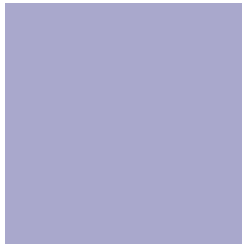
39, 81.929, 329.354



5, 28.406, 328.398

Previews

White Background



This preview shows how the CIELCh color 70, 19.754, 293.122 looks on a white background.

Color Contrast Check

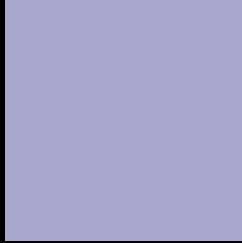
Large Text (above 18pt) WCAG AA × Fail

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, 19.754, 293.122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

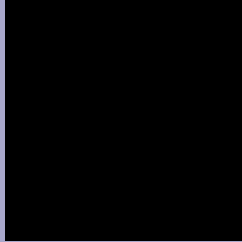
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 19.754, 293.122

Background



This preview shows how black text looks on a background with the CIELCh color 70, 19.754, 293.122.



This preview shows how white text looks on a background with the CIELCh color 70, 19.754, 293.122.

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, 19.754, 293.122

Protanopia

70, 19.792, 286.193

Deuteranopia

70, 20.380, 296.067



Tritanopia
70, 7.927, 275.110

Trichromacy



Original Color
70, 19.754, 293.122

Protanomaly
70, 19.748, 288.149

Deuteranomaly
70, 20.355, 295.095

Tritanomaly
70, 12.111, 284.652

Monochromacy



Original Color
70, 19.754, 293.122

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 7.119, 290.892

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 19.754, 293.122 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(169, 168, 204)` looks like.

```
.text, #text, p{  
    color:rgb(169, 168, 204)  
}
```

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(169, 168, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 168, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 19.754, 293.122 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(169, 168, 204) }
```

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

```
.border{ border-color:rgb(169, 168, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 168, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 168, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 168, 204);  
box-shadow:4px 4px 4px 4px rgb(169, 168,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 19.754, 293.122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 168, 204) }
```

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

```
.background{ background-color: rgb(169,  
168, 204) }
```

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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