

Converting Colors

CIELCh(71, 13.765, 286.908)

Have a look what the booklet for
CIELCh(71, 13.765, 286.908)
contains.

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Color

CIELCh(71, 14.231, 287.331)

Conversions

Conversions Part 1

Format	Color
Hex	A9ACC6
RGB	169, 172, 198
RGB Percent	66%, 67%, 78%
CMY	0.3360, 0.3242, 0.2223
CMYK	0.15, 0.13, 0.00, 0.22
HSL	234°, 20%, 72%
HSV	234°, 15%, 78%
XYZ	41.4733, 42.1875, 59.5799
YIQ	174.0670, -10.1340, 7.4500

Conversions

Conversions Part 2

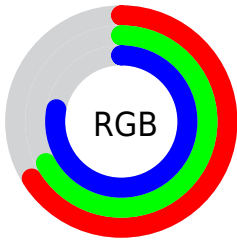
Format	Color
R_{YB}	169, 172, 198
Decimal	11119814
CIE _{Lab}	71.00, 4.24, -13.58
CIE _{LCh}	71, 14.231, 287.331
Yxy	42.1875, 0.2895, 0.2945
Android (android.graphics.Color)	4289309894 (0xFFA9ACC6)
YUV	174.0670, 11.7990, -4.4438
Hunter-Lab	64.9519, 0.3105, -8.9199

Details

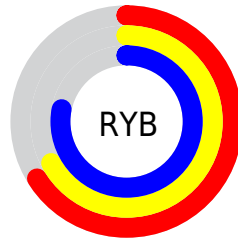
The CIELCh color $71, 14.231, 287.331$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $79, 13.869, 104.100$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 14.552, 287.356$, and $51, 14.022, 287.450$ is the 20% darker color. If you saturate the color by 10%, you get $65, 24.393, 288.723$, and if you desaturate by 10%, it is $77, 4.429, 286.151$.

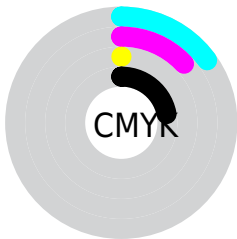
Distribution



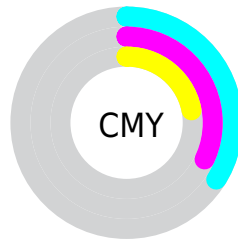
- Red (66%)
- Green (67%)
- Blue (78%)



- Red (66%)
- Yellow (67%)
- Blue (78%)



- Cyan (15%)
- Magenta (13%)
- Yellow (0%)
- Black (22%)





- Cyan (34%)
- Magenta (32%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 14.231, 287.331 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 71, 14.231, 287.331 by changing the saturation by 10% instead.


 71, 14.231,
287.331


 71, 14.231,
287.331


 100, 14.231,
287.331


 61, 14.231,
287.331


 91, 14.231,
287.331

 51, 14.231,
287.331

 41, 14.231,
287.331

 31, 14.231,
287.331

 21, 14.231,
287.331

 11, 14.231,
287.331

 1, 14.231, 287.331

0, 14.231, 287.331

71, 14.231,
287.331

71, 14.231,
287.331

65, 24.393,
288.723

77, 4.429, 286.151

83, 5.037, 105.086

59, 34.951,
290.361

89, 14.191,
104.225

52, 45.932,
292.268

95, 23.054,
103.474

46, 57.341,
294.455

99, 28.569,
108.007

41, 69.105,
296.891

35, 80.956,
299.469

■ 31, 92.228,
301.980

■ 27, 101.720,
304.122

■ 26, 105.624,
304.972

Harmonies

Complementary

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



71, 14.231, 287.331



79, 13.869, 104.100

Rectangle

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



71, 14.231, 287.331



71, 14.231, 337.331



71, 14.231, 107.331



71, 14.231, 157.331

Sweetspot

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



71, 14.229, 287.328



97, 4.693, 286.093



78, 10.513, 188.684



51, 3.338, 286.172



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 14.229, 287.328



86, 21.614, 287.810



71, 16.415, 305.667



39, 5.481, 286.683



20, 90.641, 304.735



2, 19.949, 288.985

Inverse Universe

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



72, 11.283, 12.108



88, 17.227, 12.497



78, 16.013, 124.160



39, 4.311, 11.579



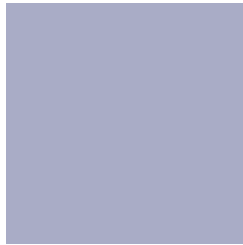
34, 70.510, 35.224



3, 15.974, 14.055

Previews

White Background



This preview shows how the CIELCh color 71, 14.231, 287.331 looks on a white background.

Color Contrast Check

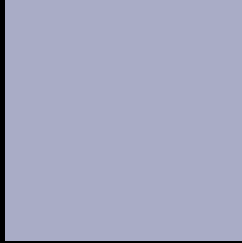
Large Text (above 18pt) WCAG AA × Fail

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 71, 14.231, 287.331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

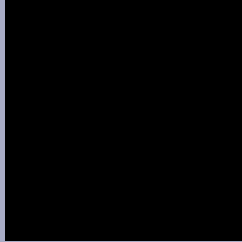
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

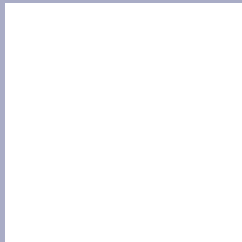
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 14.231, 287.331

Background



This preview shows how black text looks on a background with the CIELCh color 71, 14.231, 287.331.



This preview shows how white text looks on a background with the CIELCh color 71, 14.231, 287.331.

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

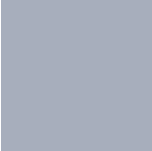
71, 14.231, 287.331

Protanopia

71, 14.231, 287.331

Deuteranopia

71, 16.855, 303.918



Tritanopia
71, 7.999, 272.618

Trichromacy



Original Color
71, 14.231, 287.331

Protanomaly
71, 14.231, 287.331

Deuteranomaly
71, 16.000, 298.060

Tritanomaly
71, 10.497, 281.441

Monochromacy



Original Color
71, 14.231, 287.331

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 5.473, 286.894

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 14.231, 287.331 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, 172, 198)` looks like.

```
.text, #text, p{  
    color:rgb(169, 172, 198)  
}
```

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, 172, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 172, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 14.231, 287.331 is called "border". The border property can be set on classes, ids or directly on the HTML element.

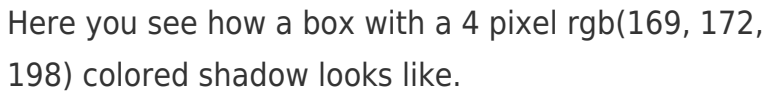
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 172, 198) }
```

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

```
.border{ border-color:rgb(169, 172, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 172, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 172, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 172, 198); box-shadow:4px 4px 4px 4px rgb(169, 172, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 14.231, 287.331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 172, 198) }
```

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

```
.background{ background-color: rgb(169,  
172, 198) }
```

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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