

Converting Colors

CIELCh(71, 15.741, 295.219)

Have a look what the booklet for
CIELCh(71, 15.741, 295.219)
contains.

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Color

CIELCh(71, 15.913, 295.528)

Conversions

Conversions Part 1

Format	Color
Hex	AEABC8
RGB	174, 171, 200
RGB Percent	68%, 67%, 78%
CMY	0.3184, 0.3302, 0.2165
CMYK	0.13, 0.15, 0.00, 0.22
HSL	246°, 21%, 73%
HSV	246°, 15%, 78%
XYZ	42.3383, 42.1875, 60.4303
YIQ	175.2030, -7.5210, 9.6550

Conversions

Conversions Part 2

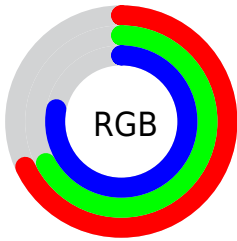
Format	Color
RYB	174, 171, 200
Decimal	11447240
CIELab	71.00, 6.86, -14.36
CIELCh	71, 15.913, 295.528
Yxy	42.1875, 0.2921, 0.2910
Android (android.graphics.Color)	4289637320 (0xFFAEABC8)
YUV	175.2030, 12.2249, -1.0550
Hunter-Lab	64.9519, 2.6877, -9.6962

Details

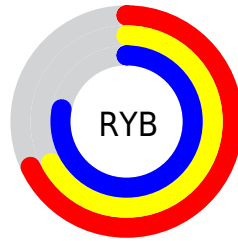
The CIELCh color $71, 15.913, 295.528$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $80, 15.403, 113.073$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 15.145, 296.524$, and $51, 15.794, 294.832$ is the 20% darker color. If you saturate the color by 10%, you get $64, 27.422, 296.593$, and if you desaturate by 10%, it is $78, 4.855, 294.613$.

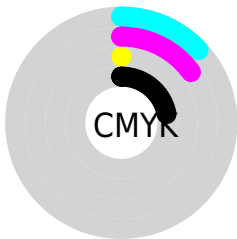
Distribution



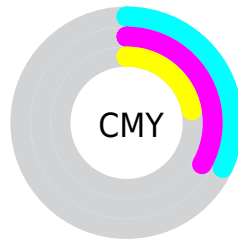
- Red (68%)
- Green (67%)
- Blue (78%)



- Red (68%)
- Yellow (67%)
- Blue (78%)



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





- Cyan (32%)
- Magenta (33%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 15.913, 295.528 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, 15.913, 295.528 by changing the saturation by 10% instead.


 71, 15.913,
295.528


 71, 15.913,
295.528


 100, 15.913,
295.528


 61, 15.913,
295.528


 91, 15.913,
295.528


 51, 15.913,
295.528

 41, 15.913,
295.528

 31, 15.913,
295.528

 21, 15.913,
295.528

 11, 15.913,
295.528

 1, 15.913, 295.528

0, 15.913, 295.528

71, 15.913,
295.528

71, 15.913,
295.528

64, 27.422,
296.593

78, 4.855, 294.613

84, 5.775, 113.820

58, 39.404,
297.829

91, 16.008,
113.152

51, 51.848,
299.242

97, 25.871,
112.579

45, 64.665,
300.816

99, 27.836,
108.063

39, 77.586,
302.489

33, 89.984,
304.124

■ 29,100.669,
305.491

■ 26,108.014,
306.312

■ 25,110.775,
306.610

Harmonies

Complementary

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



71, 15.913, 295.528



80, 15.403, 113.073

Rectangle

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



71, 15.913, 295.528



71, 15.913, 345.528



71, 15.913, 115.528



71, 15.913, 165.528

Sweetspot

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



71, 15.911, 295.526



97, 5.245, 294.576



78, 9.287, 208.447



51, 3.732, 294.639



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, 15.911, 295.526



86, 22.847, 295.801



72, 17.070, 313.090



38, 6.134, 295.039



19, 95.235, 306.671



1, 21.567, 294.472

Inverse Universe

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



73, 17.709, 328.197



89, 25.318, 328.360



79, 16.808, 131.869



39, 6.877, 327.889



38, 76.372, 332.780



4, 24.456, 330.708

Previews

White Background



This preview shows how the CIELCh color 71, 15.913, 295.528 looks on a white background.

Color Contrast Check

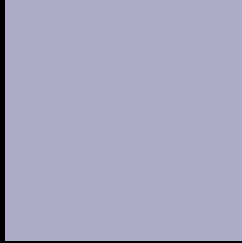
Large Text (above 18pt) WCAG AA × Fail

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, 15.913, 295.528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

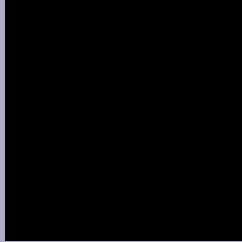
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

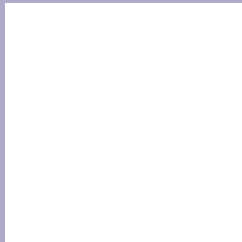
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 15.913, 295.528

Background



This preview shows how black text looks on a background with the CIELCh color 71, 15.913, 295.528.



This preview shows how white text looks on a background with the CIELCh color 71, 15.913, 295.528.

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, 15.913, 295.528

Protanopia

71, 15.863, 287.953

Deuteranopia

71, 17.318, 302.407



Tritanopia
71, 7.652, 288.223

Trichromacy



Original Color
71, 15.913, 295.528

Protanomaly
71, 15.845, 290.464

Deuteranomaly
71, 16.588, 299.103

Tritanomaly
71, 10.946, 293.131

Monochromacy



Original Color
71, 15.913, 295.528

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 6.066, 297.716

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 15.913, 295.528 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(174, 171, 200)` looks like.

```
.text, #text, p{  
    color:rgb(174, 171, 200)  
}
```

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(174, 171, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 171, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 15.913, 295.528 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(174, 171, 200) }
```

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

```
.border{ border-color:rgb(174, 171, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 171, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 171, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 171, 200);  
box-shadow:4px 4px 4px 4px rgb(174, 171,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 15.913, 295.528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 171, 200) }
```

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

```
.background{ background-color: rgb(174,  
171, 200) }
```

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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