

Converting Colors

CIELCh(71, 15.582, 319.373)

Have a look what the booklet for
CIELCh(71, 15.582, 319.373)
contains.

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Color

CIELCh(71, 15.566, 319.371)

Conversions

Conversions Part 1

Format	Color
Hex	BBA7C0
RGB	187, 167, 192
RGB Percent	73%, 65%, 75%
CMY	0.2653, 0.3438, 0.2457
CMYK	0.03, 0.13, 0.00, 0.25
HSL	288°, 17%, 71%
HSV	288°, 13%, 75%
XYZ	44.0082, 42.1875, 55.8903
YIQ	175.8300, 3.8950, 12.0150

Conversions

Conversions Part 2

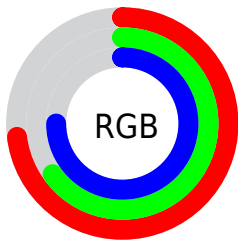
Format	Color
R _{YB}	187, 167, 192
Decimal	12298176
CIE _{Lab}	71.00, 11.81, -10.14
CIE _{LCh}	71, 15.566, 319.371
Yxy	42.1875, 0.3097, 0.2969
Android (android.graphics.Color)	4290488256 (0xFFBBA7C0)
YUV	175.8300, 7.9718, 9.7961
Hunter-Lab	64.9519, 7.2770, -5.5520

Details

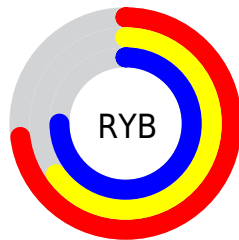
The CIELCh color $71, 15.566, 319.371$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $76, 15.460, 138.214$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 15.431, 319.494$, and $51, 15.870, 319.289$ is the 20% darker color. If you saturate the color by 10%, you get $66, 27.720, 319.822$, and if you desaturate by 10%, it is $76, 3.564, 318.886$.

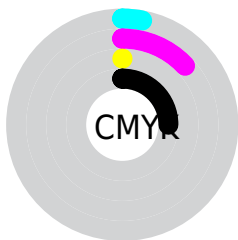
Distribution



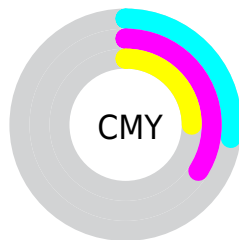
- Red (73%)
- Green (65%)
- Blue (75%)



- Red (73%)
- Yellow (65%)
- Blue (75%)



- Cyan (3%)
- Magenta (13%)
- Yellow (0%)
- Black (25%)





- Cyan (27%)
- Magenta (34%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 15.566, 319.371 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, 15.566, 319.371 by changing the saturation by 10% instead.


 71, 15.566,
319.371


 71, 15.566,
319.371


 100, 15.566,
319.371


 61, 15.566,
319.371


 91, 15.566,
319.371

 51, 15.566,
319.371

 41, 15.566,
319.371

 31, 15.566,
319.371

 21, 15.566,
319.371

 11, 15.566,
319.371

 1, 15.566, 319.371

■ 0, 15.566, 319.371

■ 71, 15.566,
319.371

■ 71, 15.566,
319.371

■ 66, 27.720,
319.822

■ 76, 3.564, 318.886

■ 82, 8.189, 138.543

■ 61, 39.883,
320.259

■ 87, 19.643,
138.126

■ 56, 51.820,
320.665

■ 92, 30.776,
137.745

■ 52, 63.198,
321.010

■ 95, 36.532,
136.764

■ 48, 73.567,
321.259

■ 96, 35.855,
134.931

■ 45, 82.389,
321.369

■ 96, 35.213,

■ 42, 89.123,
321.293

133.009

■ 40, 93.400,
320.996

■ 96, 34.610,
130.995

■ 39, 95.267,
320.686

■ 96, 34.050,
128.892

Harmonies

Complementary

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



71, 15.566, 319.371



76, 15.460, 138.214

Rectangle

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



71, 15.566, 319.371



71, 15.566, 9.371



71, 15.566, 139.371



71, 15.566, 189.371

Sweetspot

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



71, 15.564, 319.370



96, 5.880, 318.947



71, 11.044, 282.002



51, 4.180, 318.987



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



71, 15.564, 319.370



88, 23.752, 319.518



71, 13.382, 335.152



38, 6.808, 319.204



32, 83.339, 320.779



3, 21.988, 317.471

Inverse Universe

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



71, 9.960, 4.447



88, 15.288, 4.810



76, 13.301, 153.381



38, 4.329, 4.055



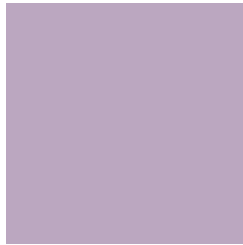
33, 65.427, 28.818



3, 14.288, 8.622

Previews

White Background



This preview shows how the CIELCh color 71, 15.566, 319.371 looks on a white background.

Color Contrast Check

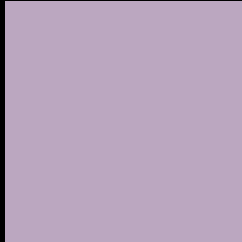
Large Text (above 18pt) WCAG AA × Fail

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, 15.566, 319.371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

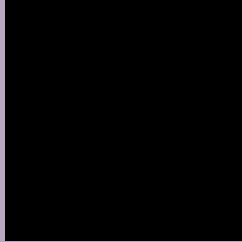
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 15.566, 319.371

Background



This preview shows how black text looks on a background with the CIELCh color 71, 15.566, 319.371.



This preview shows how white text looks on a background with the CIELCh color 71, 15.566, 319.371.

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, 15.566, 319.371

Protanopia

71, 12.586, 286.578

Deuteranopia

71, 13.496, 311.815



Tritanopia
71, 9.561, 332.342

Trichromacy



Original Color
71, 15.566, 319.371

Protanomaly
71, 13.275, 299.190

Deuteranomaly
71, 14.427, 315.177

Tritanomaly
71, 11.931, 324.946

Monochromacy



Original Color
71, 15.566, 319.371

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 5.586, 318.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 15.566, 319.371 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(187, 167, 192)` looks like.

```
.text, #text, p{  
    color:rgb(187, 167, 192)  
}
```

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(187, 167, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 167, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 15.566, 319.371 is called "border". The border property can be set on classes, ids or directly on the HTML element.

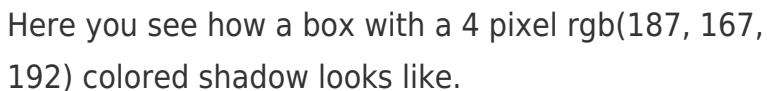
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 167, 192) }
```

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

```
.border{ border-color:rgb(187, 167, 192) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 167, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 167, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 167, 192); box-shadow:4px 4px 4px 4px rgb(187, 167, 192) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 15.566, 319.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 167, 192) }
```

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

```
.background{ background-color: rgb(187,  
167, 192) }
```

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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