

Converting Colors

CIELCh(73, 15.553, 305.872)

Have a look what the booklet for
CIELCh(73, 15.553, 305.872)
contains.

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Color

CIELCh(73, 15.166, 305.134)

Conversions

Conversions Part 1

Format	Color
Hex	B9AFCA
RGB	185, 175, 202
RGB Percent	73%, 69%, 79%
CMY	0.2750, 0.3142, 0.2084
CMYK	0.08, 0.13, 0.00, 0.21
HSL	262°, 20%, 74%
HSV	262°, 13%, 79%
XYZ	45.9245, 45.1644, 62.0906
YIQ	181.0680, -2.7070, 10.5170

Conversions

Conversions Part 2

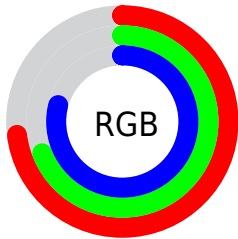
Format	Color
R_{YB}	185, 175, 202
Decimal	12169162
CIE _{Lab}	73.00, 8.73, -12.40
CIE _{LCh}	73, 15.166, 305.134
Yxy	45.1644, 0.2998, 0.2948
Android (android.graphics.Color)	4290359242 (0xFFB9AFCA)
YUV	181.0680, 10.3195, 3.4484
Hunter-Lab	67.2044, 4.3712, -7.7352

Details

The CIELCh color **73, 15.166, 305.134** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **80, 14.815, 123.734**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 12.922, 306.567**, and **53, 14.928, 304.956** is the 20% darker color. If you saturate the color by 10%, you get **67, 26.938, 305.751**, and if you desaturate by 10%, it is **79, 3.767, 304.567**.

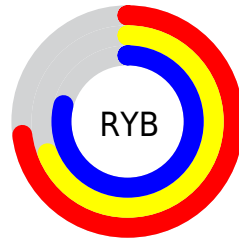
Distribution



Red (73%)

Green (69%)

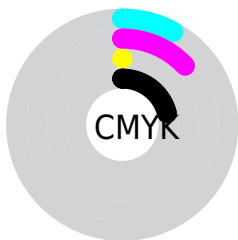
Blue (79%)



Red (73%)

Yellow (69%)

Blue (79%)

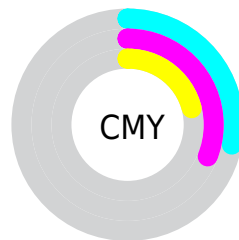


Cyan (8%)

Magenta (13%)

Yellow (0%)

Black (21%)



Cyan (28%)


Magenta (31%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 15.166, 305.134 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 73, 15.166, 305.134 by changing the saturation by 10% instead.


 73, 15.166,
305.134


 73, 15.166,
305.134


 100, 15.166,
305.134


 63, 15.166,
305.134


 93, 15.166,
305.134

 53, 15.166,
305.134

 43, 15.166,
305.134

 33, 15.166,
305.134

 23, 15.166,
305.134

 13, 15.166,
305.134

 3, 15.166, 305.134

■ 0, 15.166, 305.134

■ 73, 15.166,
305.134

■ 73, 15.166,
305.134

■ 67, 26.938,
305.751

■ 79, 3.767, 304.567

■ 85, 7.250, 124.111

■ 61, 39.057,
306.433

■ 92, 17.897,
123.680

■ 55, 51.442,
307.164

■ 97, 27.838,
123.039

■ 49, 63.921,
307.916

■ 98, 26.938,
113.389

■ 43, 76.163,
308.635

■ 99, 26.802,
108.143

■ 38, 87.592,
309.233

■ 34, 97.331,
309.577

■ 30, 104.329,
309.511

■ 29, 107.581,
309.296

Harmonies

Complementary

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



73, 15.166, 305.134



80, 14.815, 123.734

Rectangle

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



73, 15.166, 305.134



73, 15.166, 355.134



73, 15.166, 125.134



73, 15.166, 175.134

Sweetspot

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



73, 15.164, 305.132



97, 5.405, 304.605



77, 7.940, 241.284



51, 3.845, 304.648



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 15.164, 305.132



88, 22.036, 305.302



74, 16.970, 321.378



40, 6.446, 304.903



23, 92.765, 309.441



2, 24.058, 302.207

Inverse Universe

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



74, 13.627, 338.239



90, 19.751, 338.467



79, 16.890, 140.099



40, 5.811, 337.923



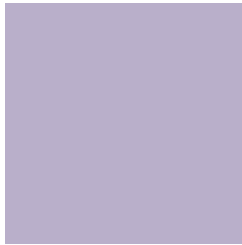
36, 64.304, 350.142



4, 21.554, 345.209

Previews

White Background



This preview shows how the CIELCh color 73, 15.166, 305.134 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 73, 15.166, 305.134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

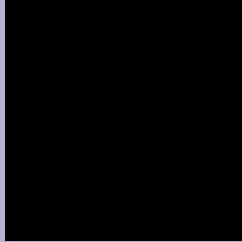
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 15.166, 305.134

Background



This preview shows how black text looks on a background with the CIELCh color 73, 15.166, 305.134.



This preview shows how white text looks on a background with the CIELCh color 73, 15.166, 305.134.

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

73, 15.166, 305.134

Protanopia

73, 14.141, 287.279

Deuteranopia

73, 15.255, 306.446



Tritanopia
73, 7.949, 306.873

Trichromacy



Original Color
73, 15.166, 305.134

Protanomaly
73, 14.163, 294.382

Deuteranomaly
73, 15.255, 306.446

Tritanomaly
73, 10.771, 306.732

Monochromacy



Original Color
73, 15.166, 305.134

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 5.556, 302.096

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 15.166, 305.134 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(185, 175, 202)` looks like.

```
.text, #text, p{  
    color:rgb(185, 175, 202)  
}
```

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(185, 175, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 175, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 15.166, 305.134 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(185, 175, 202) }
```

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

```
.border{ border-color:rgb(185, 175, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 175, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 175, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 175, 202);  
box-shadow:4px 4px 4px 4px rgb(185, 175,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 15.166, 305.134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 175, 202) }
```

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

```
.background{ background-color: rgb(185,  
175, 202) }
```

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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