

Converting Colors

CIELCh(73, 16.219, 299.844)

Have a look what the booklet for
CIELCh(73, 16.219, 299.844)
contains.

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Color

CIELCh(73, 16.552, 300.287)

Conversions

Conversions Part 1

Format	Color
Hex	B6AFCD
RGB	182, 175, 205
RGB Percent	71%, 69%, 80%
CMY	0.2852, 0.3127, 0.1950
CMYK	0.11, 0.15, 0.00, 0.19
HSL	254°, 23%, 75%
HSV	254°, 15%, 81%
XYZ	45.7911, 45.1644, 64.2375
YIQ	180.5130, -5.4580, 10.8140

Conversions

Conversions Part 2

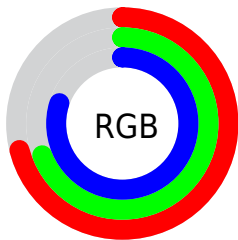
Format	Color
R_{YB}	182, 175, 205
Decimal	11972557
CIE Lab	73.00, 8.35, -14.29
CIE LCh	73, 16.552, 300.287
Yxy	45.1644, 0.2951, 0.2910
Android (android.graphics.Color)	4290162637 (0xFFB6AFCD)
YUV	180.5130, 12.0721, 1.3041
Hunter-Lab	67.2044, 4.0169, -9.6293

Details

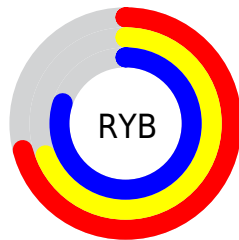
The CIELCh color $73, 16.552, 300.287$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $81, 16.060, 118.338$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 12.678, 302.057$, and $53, 16.426, 299.881$ is the 20% darker color. If you saturate the color by 10%, you get $66, 28.396, 301.107$, and if you desaturate by 10%, it is $80, 5.137, 299.565$.

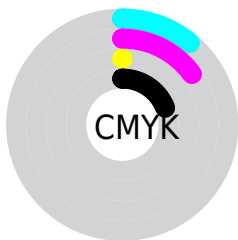
Distribution



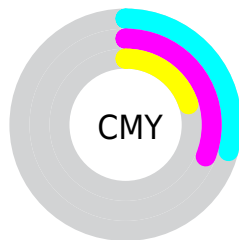
- Red (71%)
- Green (69%)
- Blue (80%)



- Red (71%)
- Yellow (69%)
- Blue (80%)



- Cyan (11%)
- Magenta (15%)
- Yellow (0%)
- Black (19%)





- Cyan (29%)
- Magenta (31%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 16.552, 300.287 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, 16.552, 300.287 by changing the saturation by 10% instead.


 73, 16.552,
300.287


 73, 16.552,
300.287


 100, 16.552,
300.287


 63, 16.552,
300.287


 93, 16.552,
300.287

 53, 16.552,
300.287

 43, 16.552,
300.287

 33, 16.552,
300.287

 23, 16.552,
300.287

 13, 16.552,
300.287

 3, 16.552, 300.287

0, 16.552, 300.287

73, 16.552,
300.287

73, 16.552,
300.287

66, 28.396,
301.107

80, 5.137, 299.565

86, 5.858, 118.953

60, 40.669,
302.039

92, 16.457,
118.415

54, 53.323,
303.077

98, 25.397,
116.507

47, 66.221,
304.194

99, 25.095,
108.274

41, 79.046,
305.334

36, 91.169,
306.383

■ 31, 101.523,
307.166

■ 28, 108.744,
307.470

■ 27, 111.515,
307.510

Harmonies

Complementary

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



73, 16.552, 300.287



81, 16.060, 118.338

Rectangle

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



73, 16.552, 300.287



73, 16.552, 350.287



73, 16.552, 120.287



73, 16.552, 170.287

Sweetspot

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



73, 16.550, 300.285



97, 5.303, 299.527



79, 8.856, 222.079



51, 3.773, 299.578



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, 16.550, 300.285



86, 24.467, 300.569



74, 18.076, 316.866



40, 6.330, 299.897



21, 94.966, 307.625



2, 23.771, 298.437

Inverse Universe

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



75, 16.648, 332.644



89, 24.489, 332.890



80, 17.885, 135.618



40, 6.407, 332.289



37, 70.057, 340.132



5, 23.991, 337.049

Previews

White Background



This preview shows how the CIELCh color 73, 16.552, 300.287 looks on a white background.

Color Contrast Check

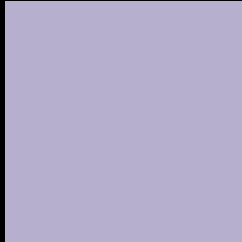
Large Text (above 18pt) WCAG AA × Fail

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, 16.552, 300.287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

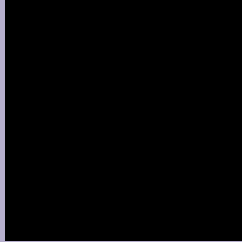
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 16.552, 300.287

Background



This preview shows how black text looks on a background with the CIELCh color 73, 16.552, 300.287.



This preview shows how white text looks on a background with the CIELCh color 73, 16.552, 300.287.

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, 16.552, 300.287

Protanopia

73, 15.783, 286.647

Deuteranopia

73, 16.677, 302.697



Tritanopia
73, 7.654, 296.346

Trichromacy



Original Color
73, 16.552, 300.287

Protanomaly
73, 15.763, 291.686

Deuteranomaly
73, 16.611, 301.495

Tritanomaly
73, 10.990, 298.716

Monochromacy



Original Color
73, 16.552, 300.287

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 6.029, 297.703

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 16.552, 300.287 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(182, 175, 205)` looks like.

```
.text, #text, p{  
    color:rgb(182, 175, 205)  
}
```

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(182, 175, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 175, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 16.552, 300.287 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(182, 175, 205) }
```

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

```
.border{ border-color:rgb(182, 175, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 175, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 175, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 175, 205);  
box-shadow:4px 4px 4px 4px rgb(182, 175,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 16.552, 300.287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 175, 205) }
```

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

```
.background{ background-color: rgb(182,  
175, 205) }
```

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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