

Converting Colors

CIELCh(73, 16.989, 300.102)

Have a look what the booklet for
CIELCh(73, 16.989, 300.102)
contains.

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Color

CIELCh(73, 17.089, 300.047)

Conversions

Conversions Part 1

Format	Color
Hex	B6AFCE
RGB	182, 175, 206
RGB Percent	71%, 69%, 81%
CMY	0.2855, 0.3130, 0.1914
CMYK	0.12, 0.15, 0.00, 0.19
HSL	254°, 24%, 75%
HSV	254°, 15%, 81%
XYZ	45.8644, 45.1644, 64.8133
YIQ	180.6270, -5.7790, 11.1250

Conversions

Conversions Part 2

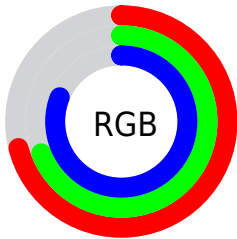
Format	Color
RYB	182, 175, 206
Decimal	11972558
CIELab	73.00, 8.56, -14.79
CIELCh	73, 17.089, 300.047
Yxy	45.1644, 0.2943, 0.2898
Android (android.graphics.Color)	4290162638 (0xFFB6AFCE)
YUV	180.6270, 12.5089, 1.2041
Hunter-Lab	67.2044, 4.2115, -10.1373

Details

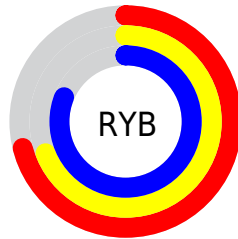
The CIELCh color $73, 17.089, 300.047$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $82, 16.563, 118.010$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 12.678, 302.057$, and $53, 16.998, 299.661$ is the 20% darker color. If you saturate the color by 10%, you get $66, 28.989, 300.885$, and if you desaturate by 10%, it is $80, 5.622, 299.311$.

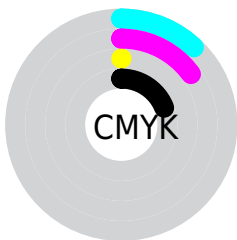
Distribution



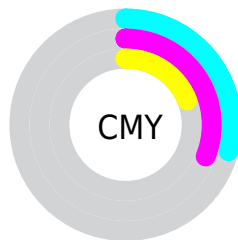
- Red (71%)
- Green (69%)
- Blue (81%)



- Red (71%)
- Yellow (69%)
- Blue (81%)



- Cyan (12%)
- Magenta (15%)
- Yellow (0%)
- Black (19%)



- Cyan (29%)
- Magenta (31%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 17.089, 300.047 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, 17.089, 300.047 by changing the saturation by 10% instead.

■ 73, 17.089,
300.047

■ 73, 17.089,
300.047

■ 100, 17.089,
300.047

■ 63, 17.089,
300.047

■ 93, 17.089,
300.047

■ 53, 17.089,
300.047

■ 43, 17.089,
300.047

■ 33, 17.089,
300.047

■ 23, 17.089,
300.047

■ 13, 17.089,
300.047

■ 3, 17.089, 300.047

0, 17.089, 300.047

73, 17.089,
300.047

73, 17.089,
300.047

66, 28.989,
300.885

80, 5.622, 299.311

86, 5.420, 118.685

60, 41.323,
301.838

93, 16.062,
118.136

53, 54.041,
302.899

98, 24.899,
116.000

47, 67.004,
304.044

99, 24.639,
108.309

41, 79.885,
305.210

36, 92.035,
306.283

■ 31, 102.354,
307.080

■ 28, 109.451,
307.386

■ 27, 112.005,
307.436

Harmonies

Complementary

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



73, 17.089, 300.047



82, 16.563, 118.010

Rectangle

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



73, 17.089, 300.047



73, 17.089, 350.047



73, 17.089, 120.047



73, 17.089, 170.047

Sweetspot

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



73, 17.087, 300.045



96, 6.633, 299.313



79, 9.132, 222.099



51, 4.530, 299.362



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, 17.087, 300.045



86, 24.450, 300.301



74, 18.669, 316.885



40, 6.325, 299.618



21, 95.067, 307.551



2, 23.759, 298.246

Inverse Universe

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



75, 17.283, 332.392



89, 24.618, 332.608



80, 18.467, 135.597



40, 6.442, 332.011



37, 70.434, 339.652



5, 24.139, 336.662

Previews

White Background



This preview shows how the CIELCh color 73, 17.089, 300.047 looks on a white background.

Color Contrast Check

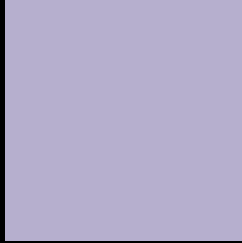
Large Text (above 18pt) WCAG AA × Fail

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, 17.089, 300.047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

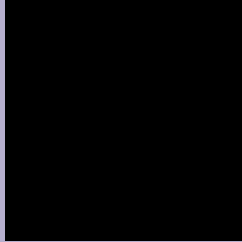
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 17.089, 300.047

Background



This preview shows how black text looks on a background with the CIELCh color 73, 17.089, 300.047.



This preview shows how white text looks on a background with the CIELCh color 73, 17.089, 300.047.

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, 17.089, 300.047

Protanopia

73, 16.323, 286.876

Deuteranopia

73, 17.210, 302.378



Tritanopia
73, 7.654, 296.346

Trichromacy



Original Color
73, 17.089, 300.047

Protanomaly
73, 16.306, 291.736

Deuteranomaly
73, 17.146, 301.215

Tritanomaly
73, 10.990, 298.716

Monochromacy



Original Color
73, 17.089, 300.047

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, 17.089, 300.047 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(182, 175, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 175, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 17.089, 300.047 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, 206) }
```

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

```
.border{ border-color:rgb(182, 175, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 175, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 175, 206);  
box-shadow:4px 4px 4px 4px rgb(182, 175,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 17.089, 300.047 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, 206) }
```

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

```
.background{ background-color: rgb(182,  
175, 206) }
```

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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