

Converting Colors

CIELCh(73, 16.851, 325.008)

Have a look what the booklet for
CIELCh(73, 16.851, 325.008)
contains.

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Color

CIELCh(73, 17.081, 325.146)

Conversions

Conversions Part 1

Format	Color
Hex	C5ABC5
RGB	197, 171, 197
RGB Percent	77%, 67%, 77%
CMY	0.2265, 0.3284, 0.2265
CMYK	0.00, 0.13, 0.00, 0.23
HSL	300°, 18%, 72%
HSV	300°, 13%, 77%
XYZ	47.8069, 45.1644, 59.1710
YIQ	181.7380, 7.1500, 13.5980

Conversions

Conversions Part 2

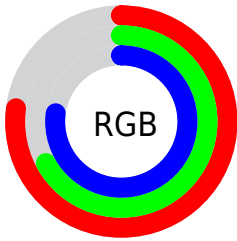
Format	Color
R _Y B	197, 171, 197
Decimal	12954565
CIE Lab	73.00, 14.02, -9.76
CIE LCh	73, 17.081, 325.146
Yxy	45.1644, 0.3142, 0.2969
Android (android.graphics.Color)	4291144645 (0xFFC5ABC5)
YUV	181.7380, 7.5242, 13.3848
Hunter-Lab	67.2044, 9.3709, -5.1595

Details

The CIELCh color $73, 17.081, 325.146$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 17.060, 143.661$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 17.519, 325.034$, and $53, 16.747, 325.322$ is the 20% darker color. If you saturate the color by 10%, you get $68, 30.101, 325.694$, and if you desaturate by 10%, it is $78, 4.102, 324.554$.

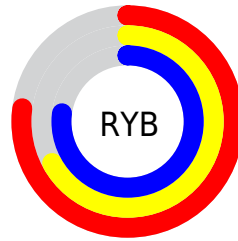
Distribution



Red (77%)

Green (67%)

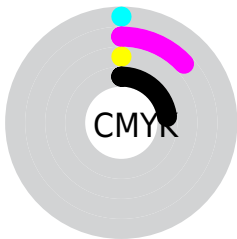
Blue (77%)



Red (77%)

Yellow (67%)

Blue (77%)

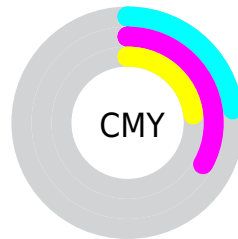


Cyan (0%)

Magenta (13%)

Yellow (0%)

Black (23%)



Cyan (23%)


Magenta (33%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 17.081, 325.146 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, 17.081, 325.146 by changing the saturation by 10% instead.

 73, 17.081,
325.146

 73, 17.081,
325.146


 100, 17.081,
325.146


 63, 17.081,
325.146


 93, 17.081,
325.146

 53, 17.081,
325.146

 43, 17.081,
325.146

 33, 17.081,
325.146

 23, 17.081,
325.146

 13, 17.081,
325.146

 3, 17.081, 325.146

0, 17.081, 325.146

73, 17.081,
325.146

73, 17.081,
325.146

68, 30.101,
325.694

78, 4.102, 324.554

83, 8.673, 144.108

64, 42.936,
326.223

88, 21.150,
143.568

59, 55.261,
326.719

94, 33.276,
143.061

56, 66.659,
327.166

95, 36.201,
142.941

53, 76.644,
327.548

95, 36.201,
142.941

50, 84.727,
327.850

95, 36.201,

■ 48, 90.534,
328.063

142.941

■ 47, 93.937,
328.187

■ 95, 36.200,
142.942

■ 47, 95.251,
328.234

■ 95, 36.200,
142.942

Harmonies

Complementary

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



73, 17.081, 325.146



77, 17.060, 143.661

Rectangle

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



73, 17.081, 325.146



73, 17.081, 15.146



73, 17.081, 145.146



73, 17.081, 195.146

Sweetspot

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



73, 17.079, 325.146



97, 6.352, 324.615



71, 14.223, 291.576



52, 4.516, 324.664



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, 17.079, 325.146



90, 25.562, 325.316



73, 12.064, 344.734



39, 7.382, 324.933



39, 82.758, 328.234



4, 26.741, 327.027

Inverse Universe

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



73, 17.079, 325.146



90, 25.562, 325.316



77, 11.863, 162.568



39, 7.382, 324.933



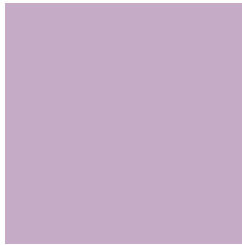
39, 82.758, 328.234



4, 26.741, 327.027

Previews

White Background



This preview shows how the CIELCh color 73, 17.081, 325.146 looks on a white background.

Color Contrast Check

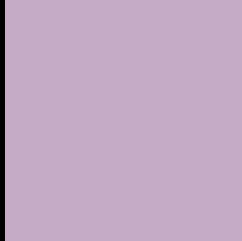
Large Text (above 18pt) WCAG AA × Fail

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, 17.081, 325.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

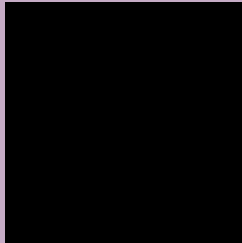
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 17.081, 325.146

Background



This preview shows how black text looks on a background with the CIELCh color 73, 17.081, 325.146.



This preview shows how white text looks on a background with the CIELCh color 73, 17.081, 325.146.

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, 17.081, 325.146

Protanopia

73, 13.043, 288.337

Deuteranopia

73, 13.699, 314.673



Tritanopia
73, 11.489, 339.079

Trichromacy



Original Color
73, 17.081, 325.146

Protanomaly
73, 13.402, 303.726

Deuteranomaly
73, 14.828, 319.080

Tritanomaly
73, 13.653, 331.565

Monochromacy



Original Color
73, 17.081, 325.146

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 6.599, 324.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 17.081, 325.146 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(197, 171, 197)` looks like.

```
.text, #text, p{  
    color:rgb(197, 171, 197)  
}
```

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(197, 171, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 171, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 17.081, 325.146 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(197, 171, 197) }
```

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

```
.border{ border-color:rgb(197, 171, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 171, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 171, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 171, 197);  
box-shadow:4px 4px 4px 4px rgb(197, 171,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 17.081, 325.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 171, 197) }
```

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

```
.background{ background-color: rgb(197,  
171, 197) }
```

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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