

Converting Colors

CIELCh(73, 17.475, 350.328)

Have a look what the booklet for
CIELCh(73, 17.475, 350.328)
contains.

CIELCh(73, 17.062, 350.547)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 17.062, 350.547)

Conversions

Conversions Part 1

Format	Color
Hex	D0A9B9
RGB	208, 169, 185
RGB Percent	82%, 66%, 73%
CMY	0.1852, 0.3381, 0.2754
CMYK	0.00, 0.19, 0.11, 0.19
HSL	335°, 29%, 74%
HSV	335°, 19%, 81%
XYZ	48.8289, 45.1644, 51.9200
YIQ	182.4850, 18.1080, 13.2440

Conversions

Conversions Part 2

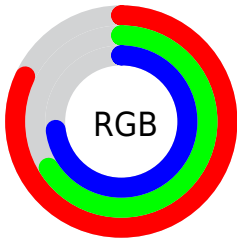
Format	Color
R _Y B	208, 169, 185
Decimal	13674937
CIE Lab	73.00, 16.83, -2.80
CIE LCh	73, 17.062, 350.547
Yxy	45.1644, 0.3346, 0.3095
Android (android.graphics.Color)	4291865017 (0xFFD0A9B9)
YUV	182.4850, 1.2399, 22.3767
Hunter-Lab	67.2044, 12.0853, 1.2376

Details

The CIELCh color **73, 17.062, 350.547** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **80, 16.470, 167.082**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 14.143, 342.092**, and **53, 16.815, 350.619** is the 20% darker color. If you saturate the color by 10%, you get **68, 26.425, 351.702**, and if you desaturate by 10%, it is **78, 7.856, 349.519**.

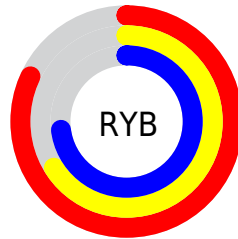
Distribution



Red (82%)

Green (66%)

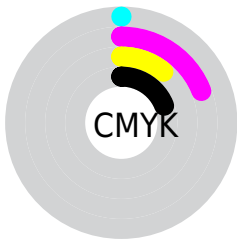
Blue (73%)



Red (82%)

Yellow (66%)

Blue (73%)

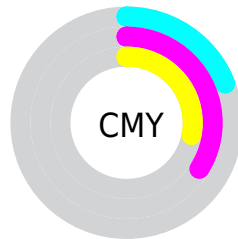


Cyan (0%)

Magenta (19%)

Yellow (11%)

Black (19%)



Cyan (19%)


Magenta (34%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 17.062, 350.547 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, 17.062, 350.547 by changing the saturation by 10% instead.


 73, 17.062,
350.547


 73, 17.062,
350.547


 100, 17.062,
350.547


 63, 17.062,
350.547


 93, 17.062,
350.547

 53, 17.062,
350.547

 43, 17.062,
350.547

 33, 17.062,
350.547

 23, 17.062,
350.547

 13, 17.062,
350.547

 3, 17.062, 350.547

0, 17.062, 350.547

73, 17.062,
350.547

73, 17.062,
350.547

68, 26.425,
351.702

78, 7.856, 349.519

63, 35.774,
353.036

84, 1.081, 169.104

90, 9.701, 167.935

58, 44.828,
354.620

96, 17.986,
167.189

54, 53.206,
356.547

97, 16.703,
182.405

50, 60.449,
358.946

97, 15.698,
198.461

47, 66.120, 1.981

■ 46, 69.979, 5.830

■ 44, 72.321, 10.533

■ 44, 72.606, 11.128

Harmonies

Complementary

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



73, 17.062, 350.547



80, 16.470, 167.082

Rectangle

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



73, 17.062, 350.547



73, 17.062, 40.547



73, 17.062, 170.547



73, 17.062, 220.547

Sweetspot

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



73, 17.060, 350.550



96, 6.325, 349.244



72, 22.822, 312.734



51, 4.199, 349.312



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, 17.060, 350.550



85, 24.822, 351.051



73, 14.088, 27.658



41, 5.117, 349.584



36, 61.993, 10.284



5, 21.063, 359.516

Inverse Universe

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



73, 17.060, 350.550



85, 24.822, 351.051



80, 12.415, 206.613



41, 5.117, 349.584



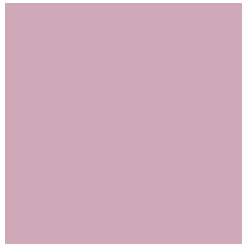
36, 61.993, 10.284



5, 21.063, 359.516

Previews

White Background



This preview shows how the CIELCh color 73, 17.062, 350.547 looks on a white background.

Color Contrast Check

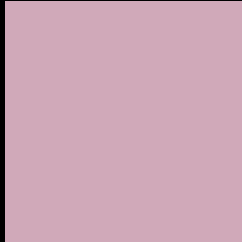
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 73, 17.062, 350.547 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, 17.062, 350.547

Background



This preview shows how black text looks on a background with the CIELCh color 73, 17.062, 350.547.



This preview shows how white text looks on a background with the CIELCh color 73, 17.062, 350.547.

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, 17.062, 350.547

Protanopia
73, 6.539, 294.001

Deuteranopia
73, 9.585, 345.832



Tritanopia
73, 16.031, 354.904

Trichromacy



Original Color
73, 17.062, 350.547

Protanomaly
73, 8.800, 326.809

Deuteranomaly
73, 12.396, 348.927

Tritanomaly
73, 16.250, 353.166

Monochromacy



Original Color
73, 17.062, 350.547

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 6.192, 348.262

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 17.062, 350.547 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(208, 169, 185)` looks like.

```
.text, #text, p{  
    color:rgb(208, 169, 185)  
}
```

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(208, 169, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 169, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 17.062, 350.547 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(208, 169, 185) }
```

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

```
.border{ border-color:rgb(208, 169, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 169, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 169, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 169, 185);  
box-shadow:4px 4px 4px 4px rgb(208, 169,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 17.062, 350.547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 169, 185) }
```

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

```
.background{ background-color: rgb(208,  
169, 185) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor