

Converting Colors

CIELCh(73, 9.595, 345.836)

Have a look what the booklet for
CIELCh(73, 9.595, 345.836) contains.

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Color

CIELCh(73, 9.585, 345.832)

Conversions

Conversions Part 1

Format	Color
Hex	C3AEB8
RGB	195, 174, 184
RGB Percent	76%, 68%, 72%
CMY	0.2365, 0.3188, 0.2796
CMYK	0.00, 0.11, 0.06, 0.24
HSL	331°, 15%, 72%
HSV	331°, 11%, 76%
XYZ	46.1234, 45.1644, 51.4666
YIQ	181.4190, 9.3060, 7.5620

Conversions

Conversions Part 2

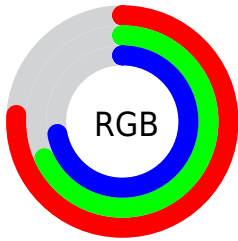
Format	Color
R _Y B	195, 174, 184
Decimal	12824248
CIE Lab	73.00, 9.29, -2.35
CIE LCh	73, 9.585, 345.832
Yxy	45.1644, 0.3231, 0.3164
Android (android.graphics.Color)	4291014328 (0xFFC3AEB8)
YUV	181.4190, 1.2724, 11.9105
Hunter-Lab	67.2044, 4.8994, 1.6376

Details

The CIELCh color $73, 9.585, 345.832$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 9.434, 164.082$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 9.998, 345.574$, and $53, 9.218, 346.198$ is the 20% darker color. If you saturate the color by 10%, you get $68, 18.676, 346.811$, and if you desaturate by 10%, it is $78, 0.690, 344.433$.

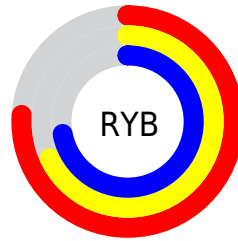
Distribution



Red (76%)

Green (68%)

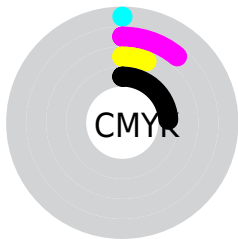
Blue (72%)



Red (76%)

Yellow (68%)

Blue (72%)

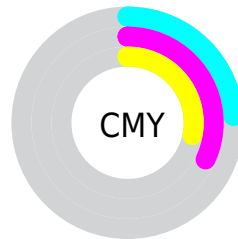


Cyan (0%)

Magenta (11%)

Yellow (6%)

Black (24%)



Cyan (24%)

Magenta (32%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 9.585, 345.832 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, 9.585, 345.832 by changing the saturation by 10% instead.

73, 9.585, 345.832

73, 9.585, 345.832

100, 9.585,
345.832

63, 9.585, 345.832

93, 9.585, 345.832

53, 9.585, 345.832

43, 9.585, 345.832

33, 9.585, 345.832

23, 9.585, 345.832

13, 9.585, 345.832

3, 9.585, 345.832

0, 9.585, 345.832

73, 9.585, 345.832

73, 9.585, 345.832

68, 18.676,
346.811

78, 0.690, 344.433

63, 27.846,
347.896

84, 7.935, 164.296

58, 36.892,
349.139

89, 16.261,
163.560

54, 45.516,
350.596

94, 24.283,
162.899

50, 53.321,
352.348

96, 23.154,
171.175

47, 59.845,
354.509

96, 20.871,
183.666

44, 64.665,
357.227

96, 19.706,
198.206

43, 67.569, 0.668

42, 68.966, 4.465

Harmonies

Complementary

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



73, 9.585, 345.832



77, 9.434, 164.082

Rectangle

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



73, 9.585, 345.832



73, 9.585, 35.832



73, 9.585, 165.832



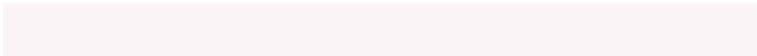
73, 9.585, 215.832

Sweetspot

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



73, 9.583, 345.836



97, 3.263, 345.057



72, 12.140, 310.114



52, 2.495, 345.158



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, 9.583, 345.836



91, 14.311, 346.066



73, 7.906, 21.384



38, 5.011, 345.703



34, 59.848, 3.755



3, 15.631, 353.758

Inverse Universe

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



73, 9.583, 345.836



91, 14.311, 346.066



77, 7.384, 200.370



38, 5.011, 345.703



34, 59.848, 3.755



3, 15.631, 353.758

Previews

White Background



This preview shows how the CIELCh color 73, 9.585, 345.832 looks on a white background.

Color Contrast Check

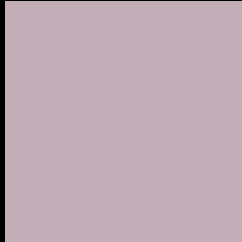
Large Text (above 18pt) WCAG AA × Fail

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, 9.585, 345.832 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, 9.585, 345.832

Background



This preview shows how black text looks on a background with the CIELCh color 73, 9.585, 345.832.



This preview shows how white text looks on a background with the CIELCh color 73, 9.585, 345.832.

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, 9.585, 345.832

Protanopia

73, 4.423, 300.170

Deuteranopia

73, 9.585, 345.832



Tritanopia
73, 11.211, 337.769

Trichromacy



Original Color
73, 9.585, 345.832

Protanomaly
73, 5.955, 324.665

Deuteranomaly
73, 9.585, 345.832

Tritanomaly
73, 10.859, 339.888

Monochromacy



Original Color
73, 9.585, 345.832

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 3.714, 343.896

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 9.585, 345.832 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(195, 174, 184)` looks like.

```
.text, #text, p{  
    color:rgb(195, 174, 184)  
}
```

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(195, 174, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 174, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 9.585, 345.832 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(195, 174, 184) }
```

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

```
.border{ border-color:rgb(195, 174, 184) }
```

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

Here you see how a box with a 4 pixel rgb(195, 174, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 174, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 174, 184);  
box-shadow:4px 4px 4px 4px rgb(195, 174,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 9.585, 345.832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 174, 184) }
```

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

```
.background{ background-color: rgb(195,  
174, 184) }
```

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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