

Converting Colors

CIE LCh(73, 6.132, 340.249)

Have a look what the booklet for
CIELCh(73, 6.132, 340.249) contains.

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Color

CIELCh(73, 5.904, 339.840)

Conversions

Conversions Part 1

Format	Color
Hex	BCB0B7
RGB	188, 176, 183
RGB Percent	74%, 69%, 72%
CMY	0.2627, 0.3098, 0.2823
CMYK	0.00, 0.06, 0.03, 0.26
HSL	325°, 8%, 71%
HSV	325°, 6%, 74%
XYZ	44.8150, 45.1644, 51.1587
YIQ	180.3860, 4.9050, 4.7210

Conversions

Conversions Part 2

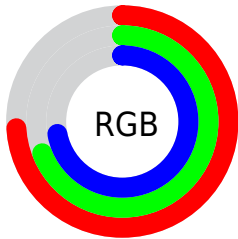
Format	Color
R_{YB}	188, 176, 183
Decimal	12366007
CIE _{Lab}	73.00, 5.54, -2.03
CIE _{LCh}	73, 5.904, 339.840
Yxy	45.1644, 0.3175, 0.3200
Android (android.graphics.Color)	4290556087 (0xFFBCB0B7)
YUV	180.3860, 1.2887, 6.6775
Hunter-Lab	67.2044, 1.4241, 1.9092

Details

The CIELCh color **73, 5.904, 339.840** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75, 5.860, 159.001**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 5.615, 339.717**, and **53, 5.610, 341.854** is the 20% darker color. If you saturate the color by 10%, you get **68, 15.290, 340.687**, and if you desaturate by 10%, it is **78, 3.295, 159.275**.

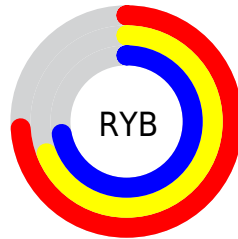
Distribution



Red (74%)

Green (69%)

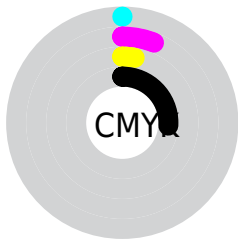
Blue (72%)



Red (74%)

Yellow (69%)

Blue (72%)

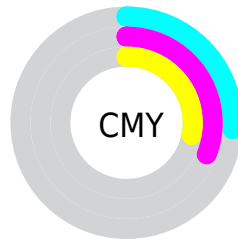


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (26%)



Cyan (26%)

Magenta (31%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 5.904, 339.840 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, 5.904, 339.840 by changing the saturation by 10% instead.

■ 73, 5.904, 339.840

■ 73, 5.904, 339.840

■ 100, 5.904,
339.840

■ 63, 5.904, 339.840

■ 93, 5.904, 339.840

■ 53, 5.904, 339.840

■ 43, 5.904, 339.840

■ 33, 5.904, 339.840

■ 23, 5.904, 339.840

■ 13, 5.904, 339.840

■ 3, 5.904, 339.840

■ 0, 5.904, 339.840

■ 73, 5.904, 339.840

■ 73, 5.904, 339.840

68, 15.290,
340.687

78, 3.295, 159.275

63, 24.760,
341.577

83, 12.238,
158.510

59, 34.132,
342.558

89, 20.900,
157.861

54, 43.139,
343.661

94, 29.274,
157.262

50, 51.411,
344.930

95, 28.758,
161.775

47, 58.498,
346.427

95, 26.314,
168.551

44, 63.929,
348.244

95, 24.261,
176.549

42, 67.345,
350.498

96, 22.712,
185.789

41, 68.706,

96, 21.783,
196.070

Harmonies

Complementary

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



73, 5.904, 339.840



75, 5.860, 159.001

Rectangle

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



73, 5.904, 339.840



73, 5.904, 29.840



73, 5.904, 159.840



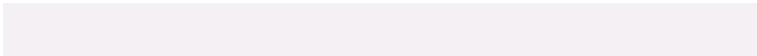
73, 5.904, 209.840

Sweetspot

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



73, 5.902, 339.845



95, 2.286, 339.385



73, 6.807, 306.400



51, 1.299, 339.367



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 5.902, 339.845



91, 9.185, 339.994



73, 4.572, 12.895



37, 5.273, 340.097



34, 60.828, 353.927



3, 14.692, 346.673

Inverse Universe

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



73, 5.902, 339.845



91, 9.185, 339.994



75, 4.420, 192.156



37, 5.273, 340.097



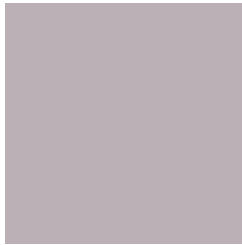
34, 60.828, 353.927



3, 14.692, 346.673

Previews

White Background



This preview shows how the CIELCh color 73, 5.904, 339.840 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, 5.904, 339.840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

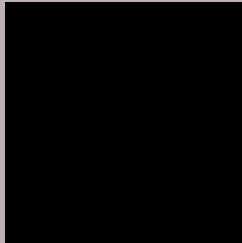
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

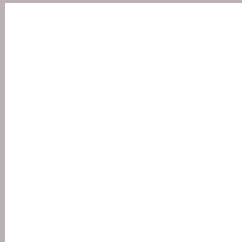
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 5.904, 339.840

Background



This preview shows how black text looks on a background with the CIELCh color 73, 5.904, 339.840.



This preview shows how white text looks on a background with the CIELCh color 73, 5.904, 339.840.

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, 5.904, 339.840

Protanopia

73, 3.462, 309.177

Deuteranopia

73, 9.299, 348.603



Tritanopia
73, 9.240, 324.817

Trichromacy



Original Color
73, 5.904, 339.840

Protanomaly
73, 4.634, 324.596

Deuteranomaly
73, 7.734, 345.967

Tritanomaly
73, 8.373, 329.013

Monochromacy



Original Color
73, 5.904, 339.840

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 1.860, 343.623

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 5.904, 339.840 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(188, 176, 183)` looks like.

```
.text, #text, p{  
    color:rgb(188, 176, 183)  
}
```

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(188, 176, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 176, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 5.904, 339.840 is called "border". The border property can be set on classes, ids or directly on the HTML element.

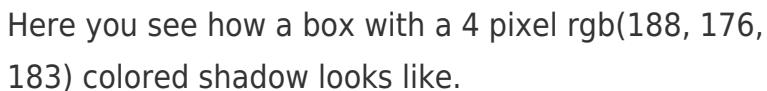
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 176, 183) }
```

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

```
.border{ border-color:rgb(188, 176, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 176, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 176, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 176, 183); box-shadow:4px 4px 4px 4px rgb(188, 176, 183) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 5.904, 339.840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 176, 183) }
```

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

```
.background{ background-color: rgb(188,  
176, 183) }
```

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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