

Converting Colors

CIELCh(73, 4.694, 350.207)

Have a look what the booklet for
CIELCh(73, 4.694, 350.207) contains.

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Color

CIELCh(73, 4.957, 346.593)

Conversions

Conversions Part 1

Format	Color
Hex	BBB0B5
RGB	187, 176, 181
RGB Percent	73%, 69%, 71%
CMY	0.2652, 0.3083, 0.2887
CMYK	0.00, 0.06, 0.03, 0.27
HSL	333°, 8%, 71%
HSV	333°, 6%, 73%
XYZ	44.5665, 45.1644, 50.2897
YIQ	179.8590, 4.9510, 3.8870

Conversions

Conversions Part 2

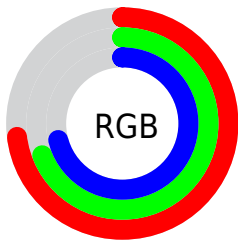
Format	Color
R_{YB}	187, 176, 181
Decimal	12300469
CIE _{Lab}	73.00, 4.82, -1.15
CIE _{LCh}	73, 4.957, 346.593
Yxy	45.1644, 0.3183, 0.3226
Android (android.graphics.Color)	4290490549 (0xFFBBB0B5)
YUV	179.8590, 0.5625, 6.2627
Hunter-Lab	67.2044, 0.7643, 2.6759

Details

The CIELCh color $73, 4.957, 346.593$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $75, 4.902, 165.771$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 4.712, 346.460$, and $53, 4.637, 349.990$ is the 20% darker color. If you saturate the color by 10%, you get $68, 13.570, 347.574$, and if you desaturate by 10%, it is $78, 3.420, 165.973$.

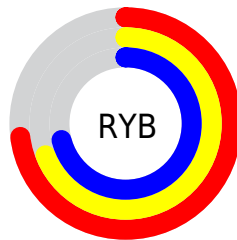
Distribution



Red (73%)

Green (69%)

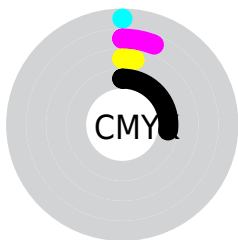
Blue (71%)



Red (73%)

Yellow (69%)

Blue (71%)

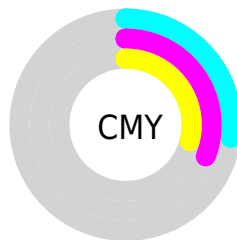


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 4.957, 346.593 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, 4.957, 346.593 by changing the saturation by 10% instead.

■ 73, 4.957, 346.593

■ 73, 4.957, 346.593

■ 100, 4.957,
346.593

■ 63, 4.957, 346.593

■ 93, 4.957, 346.593

■ 53, 4.957, 346.593

■ 43, 4.957, 346.593

■ 33, 4.957, 346.593

■ 23, 4.957, 346.593

■ 13, 4.957, 346.593

■ 3, 4.957, 346.593

■ 0, 4.957, 346.593

■ 73, 4.957, 346.593

■ 73, 4.957, 346.593

68, 13.570,
347.574

78, 3.420, 165.973

63, 22.339,
348.622

83, 11.511,
165.138

58, 31.114,
349.813

89, 19.305,
164.436

54, 39.660,
351.200

94, 26.804,
163.798

50, 47.647,
352.856

95, 25.789,
171.126

46, 54.660,
354.881

95, 23.413,
182.263

44, 60.264,
357.414

96, 22.011,
195.297

42, 64.136, 0.620

96, 21.867,
198.070

40, 66.268, 4.650

Harmonies

Complementary

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



73, 4.957, 346.593



75, 4.902, 165.771

Rectangle

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



73, 4.957, 346.593



73, 4.957, 36.593



73, 4.957, 166.593



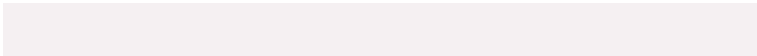
73, 4.957, 216.593

Sweetspot

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



73, 4.955, 346.602



95, 2.090, 346.120



73, 6.389, 310.454



51, 1.188, 346.099



98, 0.011, 296.813



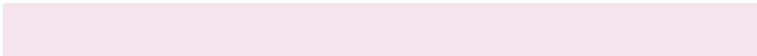
51, 0.007, 296.813

Same Dimension

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



73, 4.955, 346.602



92, 7.353, 346.725



73, 4.026, 22.439



38, 3.857, 346.761



33, 59.069, 5.763



3, 13.620, 354.264

Inverse Universe

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



73, 4.955, 346.602



92, 7.353, 346.725



75, 3.881, 202.158



38, 3.857, 346.761



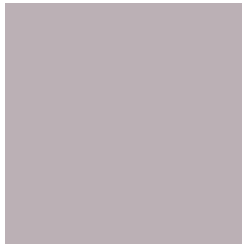
33, 59.069, 5.763



3, 13.620, 354.264

Previews

White Background



This preview shows how the CIELCh color 73, 4.957, 346.593 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, 4.957, 346.593 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

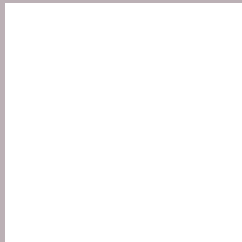
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 4.957, 346.593

Background



This preview shows how black text looks on a background with the CIELCh color 73, 4.957, 346.593.



This preview shows how white text looks on a background with the CIELCh color 73, 4.957, 346.593.

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, 4.957, 346.593

Protanopia

73, 2.461, 317.313

Deuteranopia

73, 9.036, 351.545



Tritanopia
73, 9.038, 322.853

Trichromacy



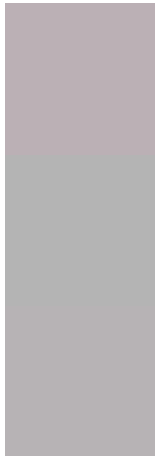
Original Color
73, 4.957, 346.593

Protanomaly
73, 3.542, 329.507

Deuteranomaly
73, 7.450, 349.429

Tritanomaly
73, 7.059, 329.732

Monochromacy



Original Color
73, 4.957, 346.593

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, 4.957, 346.593 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(187, 176, 181)` looks like.

```
.text, #text, p{  
    color:rgb(187, 176, 181)  
}
```

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(187, 176, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 176, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 4.957, 346.593 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(187, 176, 181) }
```

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

```
.border{ border-color:rgb(187, 176, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 176, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 176, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 176, 181);  
box-shadow:4px 4px 4px 4px rgb(187, 176,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 4.957, 346.593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 176, 181) }
```

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

```
.background{ background-color: rgb(187,  
176, 181) }
```

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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