

Converting Colors

CIELCh(76, 7.370, 307.999)

Have a look what the booklet for
CIELCh(76, 7.370, 307.999) contains.

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Color

CIELCh(76, 7.370, 307.999)

Conversions

Conversions Part 1

Format	Color
Hex	BFB9C6
RGB	191, 185, 198
RGB Percent	75%, 73%, 78%
CMY	0.2507, 0.2743, 0.2233
CMYK	0.04, 0.07, 0.00, 0.22
HSL	268°, 10%, 75%
HSV	268°, 7%, 78%
XYZ	49.0626, 49.8872, 60.5063
YIQ	188.2760, -0.5970, 5.3150

Conversions

Conversions Part 2

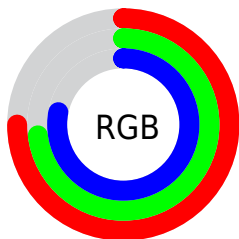
Format	Color
RYB	191, 185, 198
Decimal	12564934
CIELab	76.00, 4.54, -5.81
CIElCh	76, 7.370, 307.999
Yxy	49.8872, 0.3077, 0.3129
Android (android.graphics.Color)	4290755014 (0xFFBFB9C6)
YUV	188.2760, 4.7939, 2.3889
Hunter-Lab	70.6309, 0.3881, -1.3494

Details

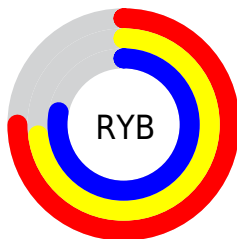
The CIELCh color $76, 7.370, 307.999$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79, 7.284, 127.428$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 7.510, 306.784$, and $56, 7.286, 309.415$ is the 20% darker color. If you saturate the color by 10%, you get $70, 18.867, 308.500$, and if you desaturate by 10%, it is $82, 3.784, 127.589$.

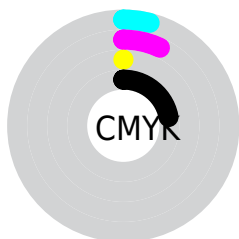
Distribution



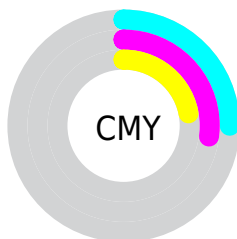
- Red (75%)
- Green (73%)
- Blue (78%)



- Red (75%)
- Yellow (73%)
- Blue (78%)



- Cyan (4%)
- Magenta (7%)
- Yellow (0%)
- Black (22%)



- Cyan (25%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 7.370, 307.999 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 76, 7.370, 307.999 by changing the saturation by 10% instead.

■ 76, 7.370, 307.999

■ 76, 7.370, 307.999

■ 100, 7.370,
307.999

■ 66, 7.370, 307.999

■ 96, 7.370, 307.999

■ 56, 7.370, 307.999

■ 46, 7.370, 307.999

■ 36, 7.370, 307.999

■ 26, 7.370, 307.999

■ 16, 7.370, 307.999

■ 6, 7.370, 307.999

■ 0, 7.370, 307.999

■ 76, 7.370, 307.999

■ 76, 7.370, 307.999

70, 18.867,
308.500

82, 3.784, 127.589

64, 30.684,
309.045

88, 14.585,
127.170

58, 42.754,
309.622

94, 25.041,
126.816

53, 54.941,
310.213

97, 29.882,
123.363

47, 66.997,
310.779

98, 29.016,
115.880

42, 78.503,
311.259

99, 28.701,
107.997

37, 88.812,
311.561

34, 97.075,
311.566

31, 102.528,

Harmonies

Complementary

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



76, 7.370, 307.999



79, 7.284, 127.428

Rectangle

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



76, 7.370, 307.999



76, 7.370, 357.999



76, 7.370, 127.999



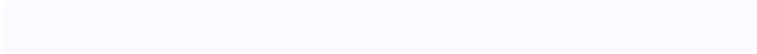
76, 7.370, 177.999

Sweetspot

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



76, 7.368, 307.995



99, 2.745, 307.754



77, 4.025, 250.696



53, 1.561, 307.747



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 7.368, 307.995



94, 11.051, 308.072



77, 8.368, 323.406



39, 6.414, 308.134



24, 90.007, 311.160



2, 22.222, 304.555

Inverse Universe

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



76, 6.139, 342.085



95, 9.203, 342.225



79, 8.345, 142.778



39, 5.340, 342.337



35, 61.278, 357.991



4, 18.261, 350.612

Previews

White Background



This preview shows how the CIELCh color 76, 7.370, 307.999 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 76, 7.370, 307.999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

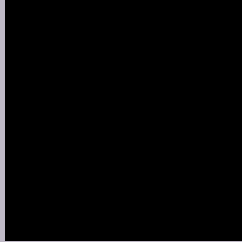
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 7.370, 307.999

Background



This preview shows how black text looks on a background with the CIELCh color 76, 7.370, 307.999.

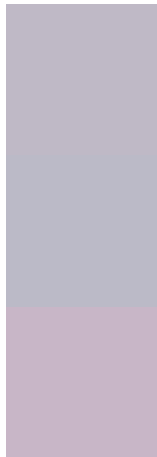


This preview shows how white text looks on a background with the CIELCh color 76, 7.370, 307.999.

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


76, 7.370, 307.999

Protanopia

76, 7.024, 293.778

Deuteranopia

76, 11.330, 326.445



Tritanopia
76, 7.885, 306.859

Trichromacy



Original Color
76, 7.370, 307.999

Protanomaly
76, 7.056, 296.703

Deuteranomaly
76, 10.071, 321.360

Tritanomaly
76, 7.885, 306.859

Monochromacy



Original Color
76, 7.370, 307.999

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 2.806, 305.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 7.370, 307.999 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(191, 185, 198)` looks like.

```
.text, #text, p{  
    color:rgb(191, 185, 198)  
}
```

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(191, 185, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 185, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 7.370, 307.999 is called "border". The border property can be set on classes, ids or directly on the HTML element.

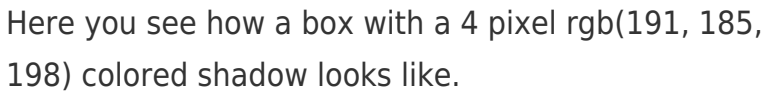
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(191, 185, 198) }
```

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

```
.border{ border-color:rgb(191, 185, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(191, 185, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 185, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 185, 198); box-shadow:4px 4px 4px 4px rgb(191, 185, 198) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 7.370, 307.999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 185, 198) }
```

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

```
.background{ background-color: rgb(191,  
185, 198) }
```

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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