

Converting Colors

CIELCh(70, 11.828, 309.542)

Have a look what the booklet for
CIELCh(70, 11.828, 309.542)
contains.

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Color

CIELCh(70, 12.133, 308.736)

Conversions

Conversions Part 1

Format	Color
Hex	B1A7BC
RGB	177, 167, 188
RGB Percent	69%, 65%, 74%
CMY	0.3049, 0.3441, 0.2617
CMYK	0.06, 0.11, 0.00, 0.26
HSL	269°, 14%, 70%
HSV	269°, 11%, 74%
XYZ	41.1599, 40.7494, 53.4190
YIQ	172.3840, -0.7810, 8.6510

Conversions

Conversions Part 2

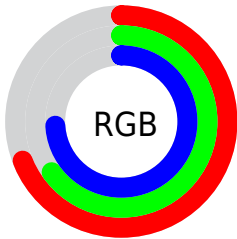
Format	Color
RYB	177, 167, 188
Decimal	11642812
CIELab	70.00, 7.59, -9.46
CIELCh	70, 12.133, 308.736
Yxy	40.7494, 0.3041, 0.3011
Android (android.graphics.Color)	4289832892 (0xFFB1A7BC)
YUV	172.3840, 7.6987, 4.0482
Hunter-Lab	63.8353, 3.3821, -4.9307

Details

The CIELCh color **70, 12.133, 308.736** is a light color, and the websafe version is hex **999999**. A complement of this color would be **75, 11.935, 127.739**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 12.127, 309.463**, and **50, 12.279, 307.990** is the 20% darker color. If you saturate the color by 10%, you get **64, 23.333, 309.244**, and if you desaturate by 10%, it is **76, 1.246, 308.197**.

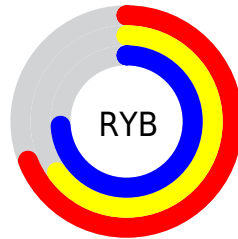
Distribution



Red (69%)

Green (65%)

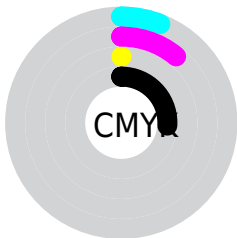
Blue (74%)



Red (69%)

Yellow (65%)

Blue (74%)

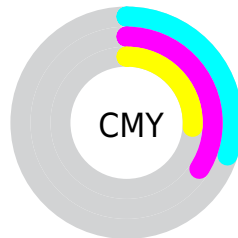


Cyan (6%)

Magenta (11%)

Yellow (0%)

Black (26%)



Cyan (30%)


Magenta (34%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 12.133, 308.736 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 70, 12.133, 308.736 by changing the saturation by 10% instead.


 70, 12.133,
308.736


 70, 12.133,
308.736


 100, 12.133,
308.736


 60, 12.133,
308.736


 90, 12.133,
308.736

 50, 12.133,
308.736

 40, 12.133,
308.736

 30, 12.133,
308.736

 20, 12.133,
308.736

 10, 12.133,
308.736

 0, 12.133, 308.736

70, 12.133,
308.736

70, 12.133,
308.736

64, 23.333,
309.244

76, 1.246, 308.197

59, 34.808,
309.789

81, 9.307, 127.880

53, 46.462,
310.356

87, 19.527,
127.507

48, 58.120,
310.918

93, 29.425,
127.182

43, 69.474,
311.427

97, 35.377,
125.146

38, 80.032,
311.811

97, 34.377,
119.395

34, 89.087,
311.969

98, 33.761,
113.254

31, 95.820,

99, 33.572,
107.621

311.780

■ 29, 99.858,
311.354

Harmonies

Complementary

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



70, 12.133, 308.736



75, 11.935, 127.739

Rectangle

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



70, 12.133, 308.736



70, 12.133, 358.736



70, 12.133, 128.736



70, 12.133, 178.736

Sweetspot

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



70, 12.131, 308.734



94, 3.996, 308.333



72, 6.611, 253.191



50, 3.030, 308.376



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



70, 12.131, 308.734



87, 17.549, 308.836



71, 13.759, 324.115



37, 6.158, 308.646



24, 87.630, 311.502



2, 18.010, 304.179

Inverse Universe

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



71, 9.963, 343.261



88, 14.403, 343.446



74, 13.732, 142.938



37, 5.061, 343.101



34, 59.647, 359.230



3, 14.142, 350.202

Previews

White Background



This preview shows how the CIELCh color 70, 12.133, 308.736 looks on a white background.

Color Contrast Check

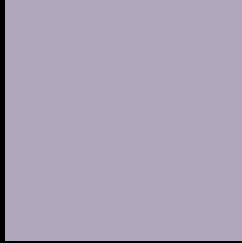
Large Text (above 18pt) WCAG AA × Fail

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 70, 12.133, 308.736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

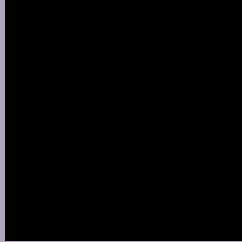
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 12.133, 308.736

Background



This preview shows how black text looks on a background with the CIELCh color 70, 12.133, 308.736.



This preview shows how white text looks on a background with the CIELCh color 70, 12.133, 308.736.

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


70, 12.133, 308.736

Protanopia

70, 10.958, 289.397

Deuteranopia

70, 13.168, 314.158



Tritanopia
70, 8.264, 311.829

Trichromacy



Original Color
70, 12.133, 308.736

Protanomaly
70, 11.038, 296.887

Deuteranomaly
70, 13.030, 312.660

Tritanomaly
70, 9.293, 309.440

Monochromacy



Original Color
70, 12.133, 308.736

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 4.645, 309.238

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 12.133, 308.736 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(177, 167, 188)` looks like.

```
.text, #text, p{  
    color:rgb(177, 167, 188)  
}
```

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(177, 167, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 167, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 12.133, 308.736 is called "border". The border property can be set on classes, ids or directly on the HTML element.

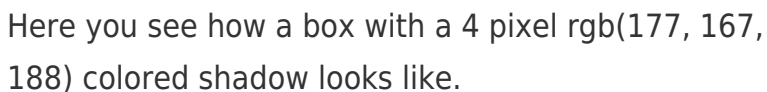
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 167, 188) }
```

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

```
.border{ border-color:rgb(177, 167, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 167, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 167, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 167, 188); box-shadow:4px 4px 4px 4px rgb(177, 167, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 12.133, 308.736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 167, 188) }
```

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

```
.background{ background-color: rgb(177,  
167, 188) }
```

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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