

Converting Colors

CIELCh(71, 11.972, 353.466)

Have a look what the booklet for
CIELCh(71, 11.972, 353.466)
contains.

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Color

CIELCh(71, 11.959, 353.459)

Conversions

Conversions Part 1

Format	Color
Hex	C3A7B1
RGB	195, 167, 177
RGB Percent	76%, 65%, 69%
CMY	0.2370, 0.3467, 0.3075
CMYK	0.00, 0.14, 0.09, 0.24
HSL	339°, 19%, 71%
HSV	339°, 14%, 76%
XYZ	44.0313, 42.1875, 47.1980
YIQ	176.5120, 13.4780, 9.0460

Conversions

Conversions Part 2

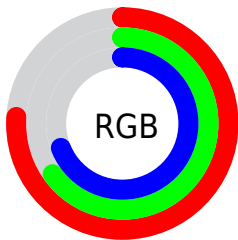
Format	Color
RYB	195, 167, 177
Decimal	12822449
CIELab	71.00, 11.88, -1.36
CIELCh	71, 11.959, 353.459
Yxy	42.1875, 0.3300, 0.3162
Android (android.graphics.Color)	4291012529 (0xFFC3A7B1)
YUV	176.5120, 0.2406, 16.2140
Hunter-Lab	64.9519, 7.3403, 2.3827

Details

The CIELCh color $71, 11.959, 353.459$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $76, 11.566, 170.838$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 12.228, 352.598$, and $51, 11.790, 354.583$ is the 20% darker color. If you saturate the color by 10%, you get $66, 20.574, 354.602$, and if you desaturate by 10%, it is $76, 3.582, 352.397$.

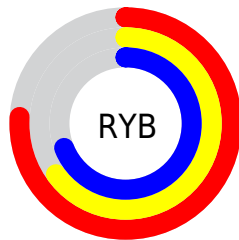
Distribution



Red (76%)

Green (65%)

Blue (69%)



Red (76%)

Yellow (65%)

Blue (69%)

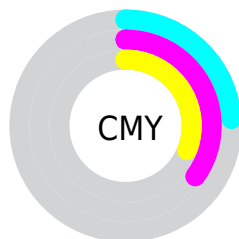


Cyan (0%)

Magenta (14%)

Yellow (9%)

Black (24%)



Cyan (24%)


Magenta (35%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 11.959, 353.459 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 71, 11.959, 353.459 by changing the saturation by 10% instead.


 71, 11.959,
353.459


 71, 11.959,
353.459


 100, 11.959,
353.459


 61, 11.959,
353.459


 91, 11.959,
353.459

 51, 11.959,
353.459

 41, 11.959,
353.459

 31, 11.959,
353.459

 21, 11.959,
353.459

 11, 11.959,
353.459

 1, 11.959, 353.459

0, 11.959, 353.459

71, 11.959,
353.459

71, 11.959,
353.459

66, 20.574,
354.602

76, 3.582, 352.397

82, 4.489, 171.754

61, 29.313,
355.916

87, 12.229,
170.913

56, 37.971,
357.475

93, 19.640,
170.197

52, 46.252,
359.370

96, 22.079,
176.324

48, 53.772, 1.724

96, 19.993,
193.196

45, 60.118, 4.696

43, 64.986, 8.461

96, 19.743,

■ 42, 68.363, 13.149 198.204

■ 41, 69.977, 16.018

Harmonies

Complementary

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



71, 11.959, 353.459



76, 11.566, 170.838

Rectangle

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



71, 11.959, 353.459



71, 11.959, 43.459



71, 11.959, 173.459



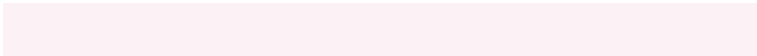
71, 11.959, 223.459

Sweetspot

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



71, 11.957, 353.464



96, 4.037, 352.357



71, 16.682, 314.179



51, 2.896, 352.449



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 11.957, 353.464



88, 17.542, 353.778



72, 9.645, 32.211



38, 4.658, 352.936



34, 60.546, 15.156



3, 14.865, 0.518

Inverse Universe

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



71, 11.957, 353.464



88, 17.542, 353.778



76, 8.775, 212.114



38, 4.658, 352.936



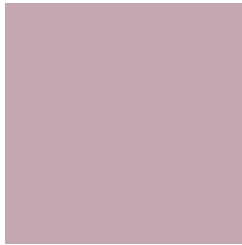
34, 60.546, 15.156



3, 14.865, 0.518

Previews

White Background



This preview shows how the CIELCh color 71, 11.959, 353.459 looks on a white background.

Color Contrast Check

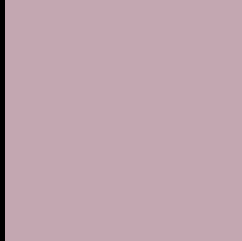
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 71, 11.959, 353.459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

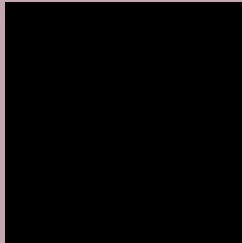
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 11.959, 353.459

Background



This preview shows how black text looks on a background with the CIELCh color 71, 11.959, 353.459.



This preview shows how white text looks on a background with the CIELCh color 71, 11.959, 353.459.

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

71, 11.959, 353.459

Protanopia

71, 3.909, 301.479

Deuteranopia

71, 9.431, 352.739



Tritanopia
71, 13.070, 347.837

Trichromacy



Original Color
71, 11.959, 353.459

Protanomaly
71, 6.034, 333.550

Deuteranomaly
71, 10.701, 353.128

Tritanomaly
71, 12.800, 349.913

Monochromacy



Original Color
71, 11.959, 353.459

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.124, 356.354

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 11.959, 353.459 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, 167, 177)` looks like.

```
.text, #text, p{  
    color:rgb(195, 167, 177)  
}
```

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, 167, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 167, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 11.959, 353.459 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, 167, 177) }
```

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

```
.border{ border-color:rgb(195, 167, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 167, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 167, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 167, 177);  
box-shadow:4px 4px 4px 4px rgb(195, 167,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 11.959, 353.459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 167, 177) }
```

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

```
.background{ background-color: rgb(195,  
167, 177) }
```

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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