

Converting Colors

CIELCh(71, 11.526, 333.068)

Have a look what the booklet for
CIELCh(71, 11.526, 333.068)
contains.

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Color

CIELCh(71, 11.375, 334.432)

Conversions

Conversions Part 1

Format	Color
Hex	BDA8B7
RGB	189, 168, 183
RGB Percent	74%, 66%, 72%
CMY	0.2592, 0.3416, 0.2828
CMYK	0.00, 0.11, 0.03, 0.26
HSL	317°, 14%, 70%
HSV	317°, 11%, 74%
XYZ	43.4804, 42.1875, 50.5944
YIQ	175.9890, 7.7010, 9.1170

Conversions

Conversions Part 2

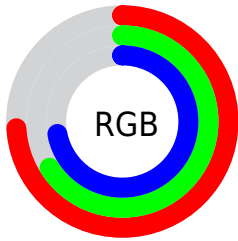
Format	Color
RYB	189, 168, 183
Decimal	12429495
CIELab	71.00, 10.26, -4.91
CIELCh	71, 11.375, 334.432
Yxy	42.1875, 0.3191, 0.3096
Android (android.graphics.Color)	4290619575 (0xFFBDA8B7)
YUV	175.9890, 3.4564, 11.4106
Hunter-Lab	64.9519, 5.8265, -0.7177

Details

The CIELCh color $71, 11.375, 334.432$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 11.315, 152.971$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 11.439, 333.774$, and $51, 11.418, 335.247$ is the 20% darker color. If you saturate the color by 10%, you get $66, 21.721, 335.157$, and if you desaturate by 10%, it is $76, 1.136, 333.510$.

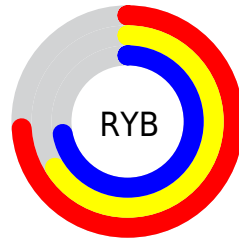
Distribution



Red (74%)

Green (66%)

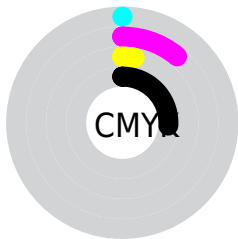
Blue (72%)



Red (74%)

Yellow (66%)

Blue (72%)

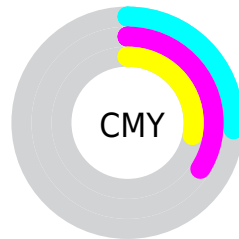


Cyan (0%)

Magenta (11%)

Yellow (3%)

Black (26%)



Cyan (26%)


Magenta (34%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 11.375, 334.432 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, 11.375, 334.432 by changing the saturation by 10% instead.


 71, 11.375,
334.432


 71, 11.375,
334.432


 100, 11.375,
334.432


 61, 11.375,
334.432


 91, 11.375,
334.432

 51, 11.375,
334.432

 41, 11.375,
334.432

 31, 11.375,
334.432

 21, 11.375,
334.432

 11, 11.375,
334.432

 1, 11.375, 334.432

■ 0, 11.375, 334.432

■ 71, 11.375,
334.432

■ 71, 11.375,
334.432

■ 66, 21.721,
335.157

■ 76, 1.136, 333.510

■ 81, 8.890, 153.194

■ 61, 32.019,
335.917

■ 86, 18.649,
152.578

■ 57, 42.023,
336.725

■ 91, 28.118,
152.009

■ 53, 51.393,
337.597

■ 95, 32.950,
152.918

■ 50, 59.695,
338.554

■ 95, 30.940,
156.380

■ 47, 66.440,
339.630

■ 95, 29.037,

■ 44, 71.181,
340.876

160.288

■ 43, 73.659,
342.356

■ 95, 27.265,
164.700

■ 42, 74.327,
343.878

■ 95, 25.655,
169.674

Harmonies

Complementary

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



71, 11.375, 334.432



75, 11.315, 152.971

Rectangle

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



71, 11.375, 334.432



71, 11.375, 24.432



71, 11.375, 154.432



71, 11.375, 204.432

Sweetspot

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



71, 11.373, 334.434



95, 3.769, 333.815



70, 11.752, 301.852



50, 2.857, 333.890



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



71, 11.373, 334.434



88, 16.444, 334.584



71, 8.399, 2.985



37, 5.787, 334.307



35, 65.320, 343.606



3, 16.281, 338.981

Inverse Universe

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



71, 11.373, 334.434



88, 16.444, 334.584



75, 8.058, 181.051



37, 5.787, 334.307



35, 65.320, 343.606



3, 16.281, 338.981

Previews

White Background



This preview shows how the CIELCh color 71, 11.375, 334.432 looks on a white background.

Color Contrast Check

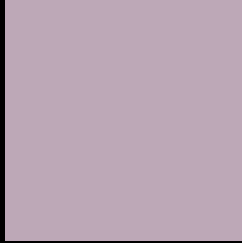
Large Text (above 18pt) WCAG AA × Fail

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 71, 11.375, 334.432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

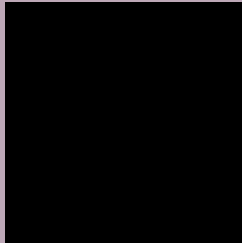
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 11.375, 334.432

Background



This preview shows how black text looks on a background with the CIELCh color 71, 11.375, 334.432.



This preview shows how white text looks on a background with the CIELCh color 71, 11.375, 334.432.

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, 11.375, 334.432

Protanopia

71, 7.104, 290.884

Deuteranopia

71, 10.211, 331.892



Tritanopia
71, 10.632, 338.544

Trichromacy



Original Color
71, 11.375, 334.432

Protanomaly
71, 8.238, 311.823

Deuteranomaly
71, 10.462, 333.469

Tritanomaly
71, 10.996, 336.417

Monochromacy



Original Color
71, 11.375, 334.432

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.460, 332.554

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 11.375, 334.432 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(189, 168, 183)` looks like.

```
.text, #text, p{  
    color:rgb(189, 168, 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(189, 168, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 168, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 11.375, 334.432 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(189, 168, 183) }
```

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

```
.border{ border-color:rgb(189, 168, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 168, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 168, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 168, 183);  
box-shadow:4px 4px 4px 4px rgb(189, 168,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 11.375, 334.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 168, 183) }
```

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

```
.background{ background-color: rgb(189,  
168, 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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