

Converting Colors

CIELCh(72, 9.445, 339.828)

Have a look what the booklet for
CIELCh(72, 9.445, 339.828) contains.

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Color

CIELCh(72, 9.686, 337.883)

Conversions

Conversions Part 1

Format	Color
Hex	BEABB7
RGB	190, 171, 183
RGB Percent	75%, 67%, 72%
CMY	0.2537, 0.3282, 0.2811
CMYK	0.00, 0.10, 0.04, 0.25
HSL	322°, 13%, 71%
HSV	322°, 10%, 75%
XYZ	44.5118, 43.6590, 51.0481
YIQ	178.0490, 7.4720, 7.7600

Conversions

Conversions Part 2

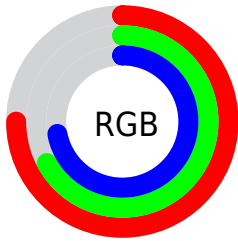
Format	Color
R _Y B	190, 171, 183
Decimal	12495799
CIE Lab	72.00, 8.97, -3.65
CIE LCh	72, 9.686, 337.883
Yxy	43.6590, 0.3197, 0.3136
Android (android.graphics.Color)	4290685879 (0xFFBEABB7)
YUV	178.0490, 2.4408, 10.4810
Hunter-Lab	66.0750, 4.6165, 0.4464

Details

The CIELCh color `72, 9.686, 337.883` is a light color, and the websafe version is hex `999999`. A complement of this color would be `75, 9.614, 156.489`, and the grayscale version is `73, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 9.826, 336.924`, and `52, 9.629, 339.050` is the 20% darker color. If you saturate the color by 10%, you get `67, 19.520, 338.686`, and if you desaturate by 10%, it is `77, 0.009, 197.878`.

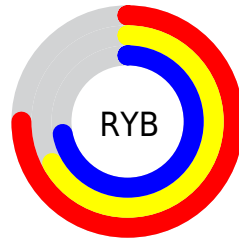
Distribution



Red (75%)

Green (67%)

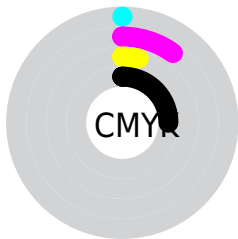
Blue (72%)



Red (75%)

Yellow (67%)

Blue (72%)

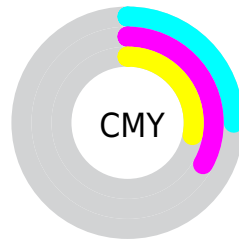


Cyan (0%)

Magenta (10%)

Yellow (4%)

Black (25%)



Cyan (25%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 9.686, 337.883 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 72, 9.686, 337.883 by changing the saturation by 10% instead.

72, 9.686, 337.883

72, 9.686, 337.883

100, 9.686,
337.883

62, 9.686, 337.883

92, 9.686, 337.883

52, 9.686, 337.883

42, 9.686, 337.883

32, 9.686, 337.883

22, 9.686, 337.883

12, 9.686, 337.883

2, 9.686, 337.883

0, 9.686, 337.883

72, 9.686, 337.883

72, 9.686, 337.883

67, 19.520,
338.686

62, 29.360,
339.542

58, 38.983,
340.478

54, 48.071,
341.521

50, 56.209,
342.709

47, 62.914,
344.099

44, 67.727,
345.771

43, 70.360,
347.827

42, 71.168,

77, 0.009, 197.878

82, 9.468, 156.557

88, 18.656,
155.908

93, 27.554,
155.312

95, 29.481,
158.037

95, 27.111,
163.615

95, 25.006,
170.156

95, 23.247,
177.757

96, 21.920,
186.407

Harmonies

Complementary

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



72, 9.686, 337.883



75, 9.614, 156.489

Rectangle

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



72, 9.686, 337.883



72, 9.686, 27.883



72, 9.686, 157.883



72, 9.686, 207.883

Sweetspot

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



72, 9.684, 337.886



95, 3.580, 337.295



71, 10.727, 304.804



51, 2.737, 337.378



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 9.684, 337.886



90, 14.426, 338.060



72, 7.381, 9.270



37, 5.455, 337.835



34, 62.207, 349.884



3, 15.214, 343.806

Inverse Universe

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



72, 9.684, 337.886



90, 14.426, 338.060



76, 7.042, 187.720



37, 5.455, 337.835



34, 62.207, 349.884



3, 15.214, 343.806

Previews

White Background



This preview shows how the CIELCh color 72, 9.686, 337.883 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 72, 9.686, 337.883 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 72, 9.686, 337.883

Background



This preview shows how black text looks on a background with the CIELCh color 72, 9.686, 337.883.



This preview shows how white text looks on a background with the CIELCh color 72, 9.686, 337.883.

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


72, 9.686, 337.883

Protanopia

72, 5.466, 294.555

Deuteranopia

72, 9.966, 339.385



Tritanopia
72, 10.440, 333.462

Trichromacy



Original Color
72, 9.686, 337.883

Protanomaly
72, 6.718, 316.811

Deuteranomaly
72, 9.966, 339.385

Tritanomaly
72, 10.055, 335.587

Monochromacy



Original Color
72, 9.686, 337.883

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 3.145, 335.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 9.686, 337.883 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(190, 171, 183)` looks like.

```
.text, #text, p{  
    color:rgb(190, 171, 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(190, 171, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 171, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 9.686, 337.883 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(190, 171, 183) }
```

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

```
.border{ border-color:rgb(190, 171, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 171, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 171, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 171, 183);  
box-shadow:4px 4px 4px 4px rgb(190, 171,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 9.686, 337.883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 171, 183) }
```

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

```
.background{ background-color: rgb(190,  
171, 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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