

Converting Colors

CIELCh(72, 9.310, 335.077)

Have a look what the booklet for
CIELCh(72, 9.310, 335.077) contains.

CIELCh(72, 9.139, 334.619)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(72, 9.139, 334.619)

Conversions

Conversions Part 1

Format	Color
Hex	BDACB8
RGB	189, 172, 184
RGB Percent	74%, 67%, 72%
CMY	0.2597, 0.3264, 0.2793
CMYK	0.00, 0.09, 0.03, 0.26
HSL	318°, 11%, 71%
HSV	318°, 9%, 74%
XYZ	44.2659, 43.6590, 51.3152
YIQ	178.4510, 6.2800, 7.3360

Conversions

Conversions Part 2

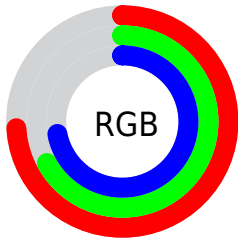
Format	Color
R _{YB}	189, 172, 184
Decimal	12430520
CIE Lab	72.00, 8.26, -3.92
CIE LCh	72, 9.139, 334.619
Yxy	43.6590, 0.3179, 0.3136
Android (android.graphics.Color)	4290620600 (0xFFBDACB8)
YUV	178.4510, 2.7357, 9.2515
Hunter-Lab	66.0750, 3.9521, 0.2067

Details

The CIELCh color $72, 9.139, 334.619$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 9.093, 153.464$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 9.314, 333.854$, and $52, 9.036, 335.557$ is the 20% darker color. If you saturate the color by 10%, you get $67, 19.407, 335.348$, and if you desaturate by 10%, it is $77, 0.995, 154.313$.

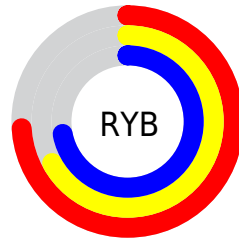
Distribution



Red (74%)

Green (67%)

Blue (72%)



Red (74%)

Yellow (67%)

Blue (72%)

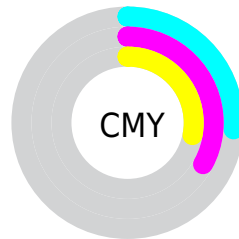


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (26%)



Cyan (26%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 9.139, 334.619 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, 9.139, 334.619 by changing the saturation by 10% instead.

■ 72, 9.139, 334.619

■ 72, 9.139, 334.619

■ 100, 9.139,
334.619

■ 62, 9.139, 334.619

■ 92, 9.139, 334.619

■ 52, 9.139, 334.619

■ 42, 9.139, 334.619

■ 32, 9.139, 334.619

■ 22, 9.139, 334.619

■ 12, 9.139, 334.619

■ 2, 9.139, 334.619

■ 0, 9.139, 334.619

■ 72, 9.139, 334.619

■ 72, 9.139, 334.619

67, 19.407,
335.348

77, 0.995, 154.313

62, 29.671,
336.108

82, 10.901,
153.389

58, 39.703,
336.917

87, 20.534,
152.781

54, 49.188,
337.791

93, 29.874,
152.217

50, 57.711,
338.749

95, 32.356,
153.980

47, 64.789,
339.827

95, 30.322,
157.681

45, 69.955,
341.072

95, 28.410,
161.872

43, 72.897,
342.552

95, 26.647,
166.620

42, 73.821,

95, 25.069,
171.980

Harmonies

Complementary

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



72, 9.139, 334.619



75, 9.093, 153.464

Rectangle

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



72, 9.139, 334.619



72, 9.139, 24.619



72, 9.139, 154.619



72, 9.139, 204.619

Sweetspot

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



72, 9.137, 334.621



95, 3.746, 334.150



71, 9.478, 301.714



50, 2.839, 334.225



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



72, 9.137, 334.621



90, 13.812, 334.779



72, 6.763, 2.757



37, 5.752, 334.647



35, 64.966, 344.204



3, 16.162, 339.463

Inverse Universe

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



72, 9.137, 334.621



90, 13.812, 334.779



75, 6.539, 181.259



37, 5.752, 334.647



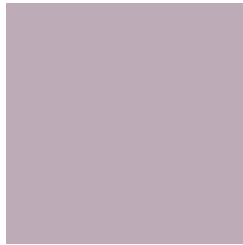
35, 64.966, 344.204



3, 16.162, 339.463

Previews

White Background



This preview shows how the CIELCh color 72, 9.139, 334.619 looks on a white background.

Color Contrast Check

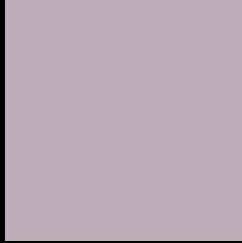
Large Text (above 18pt) WCAG AA × Fail

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, 9.139, 334.619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

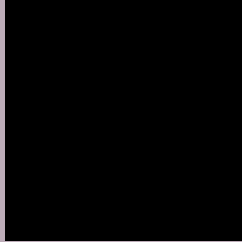
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 9.139, 334.619

Background



This preview shows how black text looks on a background with the CIELCh color 72, 9.139, 334.619.



This preview shows how white text looks on a background with the CIELCh color 72, 9.139, 334.619.

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, 9.139, 334.619

Protanopia

72, 6.054, 297.712

Deuteranopia

72, 10.055, 335.587



Tritanopia
72, 9.532, 332.332

Trichromacy



Original Color
72, 9.139, 334.619

Protanomaly
72, 6.561, 313.904

Deuteranomaly
72, 10.055, 335.587

Tritanomaly
72, 9.532, 332.332

Monochromacy



Original Color
72, 9.139, 334.619

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, 9.139, 334.619 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, 172, 184)` looks like.

```
.text, #text, p{  
    color:rgb(189, 172, 184)  
}
```

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, 172, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 172, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 9.139, 334.619 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, 172, 184) }
```

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

```
.border{ border-color:rgb(189, 172, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 172, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 172, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 172, 184);  
box-shadow:4px 4px 4px 4px rgb(189, 172,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 9.139, 334.619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 172, 184) }
```

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

```
.background{ background-color: rgb(189,  
172, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor