

Converting Colors

CIELCh(72, 12.646, 315.083)

Have a look what the booklet for
CIELCh(72, 12.646, 315.083)
contains.

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Color

CIELCh(72, 12.590, 315.106)

Conversions

Conversions Part 1

Format	Color
Hex	BAACC1
RGB	186, 172, 193
RGB Percent	73%, 67%, 76%
CMY	0.2716, 0.3264, 0.2441
CMYK	0.04, 0.11, 0.00, 0.24
HSL	280°, 14%, 71%
HSV	280°, 11%, 76%
XYZ	44.4932, 43.6590, 56.3883
YIQ	178.5800, 1.6030, 9.4990

Conversions

Conversions Part 2

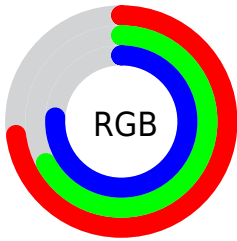
Format	Color
RYB	186, 172, 193
Decimal	12233921
CIELab	72.00, 8.92, -8.89
CIELCh	72, 12.590, 315.106
Yxy	43.6590, 0.3078, 0.3021
Android (android.graphics.Color)	4290424001 (0xFFBAACC1)
YUV	178.5800, 7.1091, 6.5073
Hunter-Lab	66.0750, 4.5660, -4.3455

Details

The CIELCh color **72, 12.590, 315.106** is a light color, and the websafe version is hex **999999**. A complement of this color would be **76, 12.464, 134.218**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 12.595, 315.509**, and **52, 12.184, 315.776** is the 20% darker color. If you saturate the color by 10%, you get **67, 24.392, 315.544**, and if you desaturate by 10%, it is **77, 1.025, 314.542**.

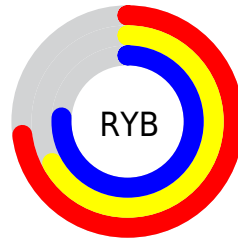
Distribution



Red (73%)

Green (67%)

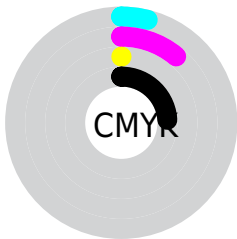
Blue (76%)



Red (73%)

Yellow (67%)

Blue (76%)

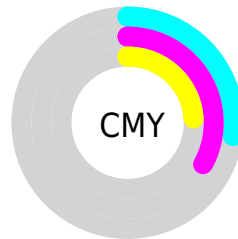


Cyan (4%)

Magenta (11%)

Yellow (0%)

Black (24%)



Cyan (27%)


Magenta (33%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 12.590, 315.106 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, 12.590, 315.106 by changing the saturation by 10% instead.


 72, 12.590,
315.106


 72, 12.590,
315.106


 100, 12.590,
315.106


 62, 12.590,
315.106


 92, 12.590,
315.106

 52, 12.590,
315.106

 42, 12.590,
315.106

 32, 12.590,
315.106

 22, 12.590,
315.106

 12, 12.590,
315.106

 2, 12.590, 315.106

0, 12.590, 315.106

72, 12.590,
315.106

72, 12.590,
315.106

67, 24.392,
315.544

77, 1.025, 314.542

61, 36.345,
315.985

83, 10.245,
134.333

56, 48.283,
316.412

89, 21.199,
133.968

51, 59.952,
316.794

94, 31.831,
133.640

47, 70.967,
317.091

96, 34.455,
131.255

43, 80.802,
317.243

97, 33.537,
127.685

■ 39, 88.826,
317.183

■ 97, 32.757,
123.872

■ 37, 94.451,
316.839

■ 97, 32.132,
119.836

■ 35, 97.650,
316.301

■ 98, 31.680,
115.612

Harmonies

Complementary

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



72, 12.590, 315.106



76, 12.464, 134.218

Rectangle

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



72, 12.590, 315.106



72, 12.590, 5.106



72, 12.590, 135.106



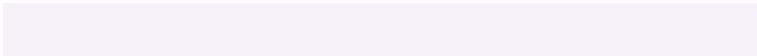
72, 12.590, 185.106

Sweetspot

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



72, 12.588, 315.105



96, 4.249, 314.744



73, 7.814, 271.239



51, 3.222, 314.787



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, 12.588, 315.105



89, 18.599, 315.206



73, 12.473, 329.466



38, 6.570, 315.038



29, 85.247, 316.437



3, 20.996, 311.752

Inverse Universe

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



72, 8.818, 354.665



90, 13.051, 354.912



76, 12.442, 148.177



38, 4.597, 354.505



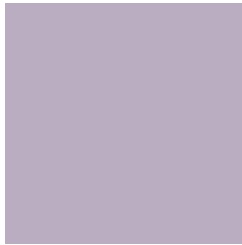
34, 61.017, 17.383



3, 14.753, 1.775

Previews

White Background



This preview shows how the CIELCh color 72, 12.590, 315.106 looks on a white background.

Color Contrast Check

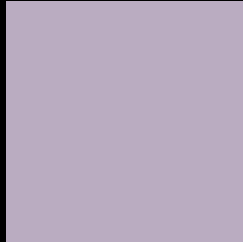
Large Text (above 18pt) WCAG AA × Fail

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, 12.590, 315.106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

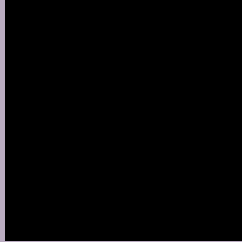
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 12.590, 315.106

Background



This preview shows how black text looks on a background with the CIELCh color 72, 12.590, 315.106.



This preview shows how white text looks on a background with the CIELCh color 72, 12.590, 315.106.

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, 12.590, 315.106

Protanopia

72, 10.900, 289.367

Deuteranopia

72, 12.590, 315.106



Tritanopia
72, 8.400, 322.676

Trichromacy



Original Color
72, 12.590, 315.106

Protanomaly
72, 11.024, 298.727

Deuteranomaly
72, 12.590, 315.106

Tritanomaly
72, 9.336, 319.138

Monochromacy



Original Color
72, 12.590, 315.106

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 4.261, 316.301

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 12.590, 315.106 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(186, 172, 193)` looks like.

```
.text, #text, p{  
    color:rgb(186, 172, 193)  
}
```

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(186, 172, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 172, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 12.590, 315.106 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(186, 172, 193) }
```

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

```
.border{ border-color:rgb(186, 172, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 172, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 172, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 172, 193);  
box-shadow:4px 4px 4px 4px rgb(186, 172,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 12.590, 315.106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 172, 193) }
```

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

```
.background{ background-color: rgb(186,  
172, 193) }
```

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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