

Converting Colors

CIELCh(72, 7.258, 313.079)

Have a look what the booklet for
CIELCh(72, 7.258, 313.079) contains.

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Color

CIELCh(72, 7.064, 312.173)

Conversions

Conversions Part 1

Format	Color
Hex	B5AEBA
RGB	181, 174, 186
RGB Percent	71%, 68%, 73%
CMY	0.2901, 0.3175, 0.2705
CMYK	0.03, 0.06, 0.00, 0.27
HSL	275°, 8%, 71%
HSV	275°, 6%, 73%
XYZ	43.0726, 43.6590, 52.6299
YIQ	177.4610, 0.3200, 5.2160

Conversions

Conversions Part 2

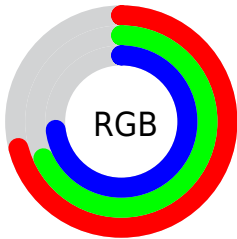
Format	Color
R_{YB}	181, 174, 186
Decimal	11906746
CIE _{Lab}	72.00, 4.74, -5.24
CIE _{LCh}	72, 7.064, 312.173
Yxy	43.6590, 0.3091, 0.3133
Android (android.graphics.Color)	4290096826 (0xFFB5AEBA)
YUV	177.4610, 4.2097, 3.1037
Hunter-Lab	66.0750, 0.7285, -0.9730

Details

The CIELCh color $72, 7.064, 312.173$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $75, 6.999, 131.676$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 7.332, 313.193$, and $52, 6.841, 310.967$ is the 20% darker color. If you saturate the color by 10%, you get $67, 18.233, 312.619$, and if you desaturate by 10%, it is $77, 3.820, 131.820$.

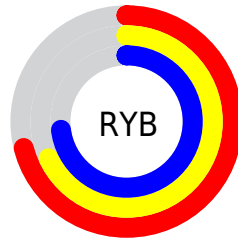
Distribution



Red (71%)

Green (68%)

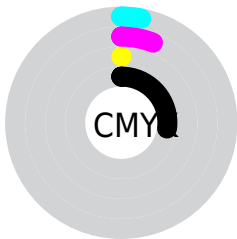
Blue (73%)



Red (71%)

Yellow (68%)

Blue (73%)

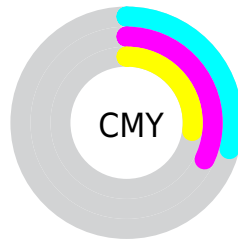


Cyan (3%)

Magenta (6%)

Yellow (0%)

Black (27%)



Cyan (29%)

Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 7.064, 312.173 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, 7.064, 312.173 by changing the saturation by 10% instead.

■ 72, 7.064, 312.173

■ 72, 7.064, 312.173

■ 100, 7.064,
312.173

■ 62, 7.064, 312.173

■ 92, 7.064, 312.173

■ 52, 7.064, 312.173

■ 42, 7.064, 312.173

■ 32, 7.064, 312.173

■ 22, 7.064, 312.173

■ 12, 7.064, 312.173

■ 2, 7.064, 312.173

■ 0, 7.064, 312.173

■ 72, 7.064, 312.173

■ 72, 7.064, 312.173

67, 18.233,
312.619

77, 3.820, 131.820

61, 29.642,
313.083

83, 14.392,
131.423

56, 41.193,
313.555

88, 24.647,
131.085

51, 52.715,
314.010

94, 34.592,
130.786

46, 63.929,
314.413

96, 37.294,
128.174

41, 74.410,
314.708

97, 36.320,
124.044

38, 83.571,
314.821

97, 35.549,
119.637

34, 90.723,
314.660

98, 35.008,
114.995

32, 95.350,

98, 34.718,
110.182

Harmonies

Complementary

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



72, 7.064, 312.173



75, 6.999, 131.676

Rectangle

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



72, 7.064, 312.173



72, 7.064, 2.173



72, 7.064, 132.173



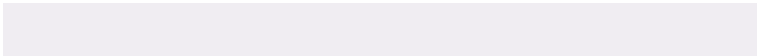
72, 7.064, 182.173

Sweetspot

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



72, 7.062, 312.170



94, 2.705, 311.944



73, 4.124, 263.181



51, 1.550, 311.936



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, 7.062, 312.170



90, 10.878, 312.245



72, 7.584, 326.611



36, 6.159, 312.299



26, 84.638, 314.102



2, 16.200, 307.810

Inverse Universe

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



72, 5.286, 348.882



91, 8.147, 349.052



74, 7.567, 145.944



36, 4.614, 349.171



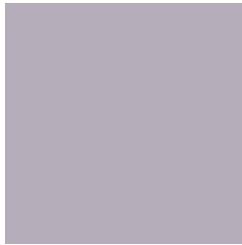
33, 58.435, 9.300



2, 11.707, 355.490

Previews

White Background



This preview shows how the CIELCh color 72, 7.064, 312.173 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 72, 7.064, 312.173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

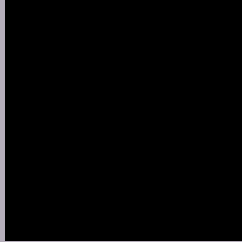
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

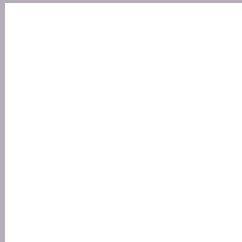
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 7.064, 312.173

Background



This preview shows how black text looks on a background with the CIELCh color 72, 7.064, 312.173.



This preview shows how white text looks on a background with the CIELCh color 72, 7.064, 312.173.

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, 7.064, 312.173

Protanopia

72, 6.594, 297.177

Deuteranopia

72, 11.021, 328.135



Tritanopia
72, 8.085, 309.382

Trichromacy



Original Color
72, 7.064, 312.173

Protanomaly
72, 6.649, 300.309

Deuteranomaly
72, 9.720, 323.019

Tritanomaly
72, 7.572, 310.679

Monochromacy



Original Color
72, 7.064, 312.173

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 2.317, 309.116

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 7.064, 312.173 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(181, 174, 186)` looks like.

```
.text, #text, p{  
    color:rgb(181, 174, 186)  
}
```

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(181, 174, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 174, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 7.064, 312.173 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(181, 174, 186) }
```

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

```
.border{ border-color:rgb(181, 174, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 174, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 174, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 174, 186);  
box-shadow:4px 4px 4px 4px rgb(181, 174,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 7.064, 312.173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 174, 186) }
```

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

```
.background{ background-color: rgb(181,  
174, 186) }
```

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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