

Converting Colors

CIELCh(72, 4.182, 19.472)

Have a look what the booklet for
CIELCh(72, 4.182, 19.472) contains.

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Color

CIELCh(72, 4.173, 19.642)

Conversions

Conversions Part 1

Format	Color
Hex	B9AEAE
RGB	185, 174, 174
RGB Percent	73%, 68%, 68%
CMY	0.2744, 0.3175, 0.3175
CMYK	0.00, 0.06, 0.06, 0.27
HSL	0°, 7%, 70%
HSV	0°, 6%, 73%
XYZ	42.7999, 43.6590, 46.2309
YIQ	177.2890, 6.5560, 2.3320

Conversions

Conversions Part 2

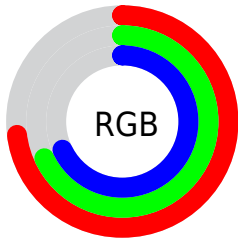
Format	Color
RYB	185, 174, 174
Decimal	12168878
CIELab	72.00, 3.93, 1.40
CIELCh	72, 4.173, 19.642
Yxy	43.6590, 0.3226, 0.3290
Android (android.graphics.Color)	4290358958 (0xFFB9AEAE)
YUV	177.2890, -1.6215, 6.7625
Hunter-Lab	66.0750, -0.0083, 4.7688

Details

The CIELCh color **72, 4.173, 19.642** is a light color, and the websafe version is hex **999999**. A complement of this color would be **74, 4.021, 199.236**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 4.317, 19.563**, and **52, 4.058, 19.759** is the 20% darker color. If you saturate the color by 10%, you get **67, 11.634, 20.475**, and if you desaturate by 10%, it is **77, 2.734, 199.412**.

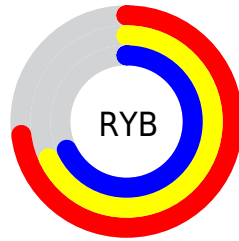
Distribution



Red (73%)

Green (68%)

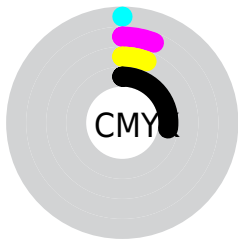
Blue (68%)



Red (73%)

Yellow (68%)

Blue (68%)

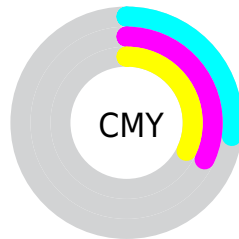


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (27%)



Cyan (27%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 4.173, 19.642 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, 4.173, 19.642 by changing the saturation by 10% instead.

■ 72, 4.173, 19.642

■ 72, 4.173, 19.642

■ 100, 4.173, 19.642

■ 62, 4.173, 19.642

■ 92, 4.173, 19.642

■ 52, 4.173, 19.642

■ 42, 4.173, 19.642

■ 32, 4.173, 19.642

■ 22, 4.173, 19.642

■ 12, 4.173, 19.642

■ 2, 4.173, 19.642

■ 0, 4.173, 19.642

■ 72, 4.173, 19.642

■ 72, 4.173, 19.642

67, 11.634, 20.475

77, 2.734, 199.412

62, 19.672, 21.435

83, 9.124, 198.830

57, 28.267, 22.671

88, 15.051,
198.449

52, 37.337, 24.280

94, 20.565,
198.151

48, 46.719, 26.370

45, 56.159, 29.037

96, 22.549,
198.028

42, 65.303, 32.281

40, 73.590, 35.828

39, 79.862, 38.840

Harmonies

Complementary

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



72, 4.173, 19.642



74, 4.021, 199.236

Rectangle

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



72, 4.173, 19.642



72, 4.173, 69.642



72, 4.173, 199.642



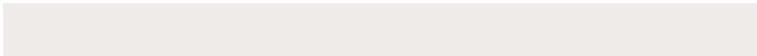
72, 4.173, 249.642

Sweetspot

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



72, 4.172, 19.666



93, 1.706, 19.181



72, 7.283, 324.731



50, 0.969, 19.154



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 4.172, 19.666



90, 6.089, 19.763



73, 3.614, 74.611



37, 3.179, 19.791



32, 71.866, 39.603



2, 10.636, 19.423

Inverse Universe

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



74, 4.021, 199.236



93, 5.826, 199.152



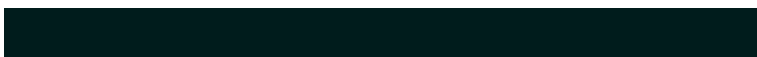
73, 3.574, 256.258



38, 3.035, 199.129



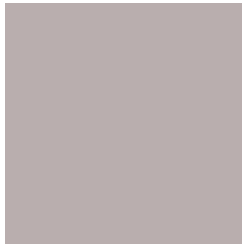
58, 34.629, 196.431



8, 10.513, 197.777

Previews

White Background



This preview shows how the CIELCh color 72, 4.173, 19.642 looks on a white background.

Color Contrast Check

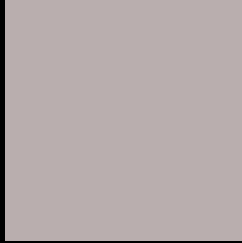
Large Text (above 18pt) WCAG AA × Fail

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, 4.173, 19.642 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

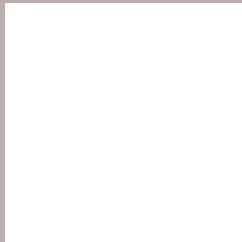
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 4.173, 19.642

Background



This preview shows how black text looks on a background with the CIELCh color 72, 4.173, 19.642.

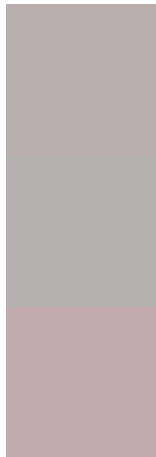


This preview shows how white text looks on a background with the CIELCh color 72, 4.173, 19.642.

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, 4.173, 19.642

Protanopia

72, 1.593, 39.106

Deuteranopia

72, 9.045, 6.310



Tritanopia
72, 9.482, 326.706

Trichromacy



Original Color
72, 4.173, 19.642

Protanomaly
72, 2.642, 19.440

Deuteranomaly
72, 7.420, 7.345

Tritanomaly
72, 6.931, 335.025

Monochromacy



Original Color
72, 4.173, 19.642

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 1.504, 19.199

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 4.173, 19.642 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(185, 174, 174)` looks like.

```
.text, #text, p{  
    color:rgb(185, 174, 174)  
}
```

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(185, 174, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 174, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 4.173, 19.642 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(185, 174, 174) }
```

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

```
.border{ border-color:rgb(185, 174, 174) }
```

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

Here you see how a box with a 4 pixel rgb(185, 174, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 174, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 174, 174);  
box-shadow:4px 4px 4px 4px rgb(185, 174,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 4.173, 19.642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 174, 174) }
```

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

```
.background{ background-color: rgb(185,  
174, 174) }
```

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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