

Converting Colors

CIELCh(72, 1.780, 19.273)

Have a look what the booklet for
CIELCh(72, 1.780, 19.273) contains.

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Color

CIELCh(72, 1.883, 19.300)

Conversions

Conversions Part 1

Format	Color
Hex	B4AFAF
RGB	180, 175, 175
RGB Percent	71%, 69%, 69%
CMY	0.2927, 0.3123, 0.3123
CMYK	0.00, 0.03, 0.03, 0.29
HSL	0°, 3%, 70%
HSV	0°, 3%, 71%
XYZ	42.0826, 43.6590, 46.9547
YIQ	176.4950, 2.9800, 1.0600

Conversions

Conversions Part 2

Format	Color
RYB	180, 175, 175
Decimal	11841455
CIELab	72.00, 1.78, 0.62
CIELCh	72, 1.883, 19.300
Yxy	43.6590, 0.3171, 0.3290
Android (android.graphics.Color)	4290031535 (0xFFB4AF)
YUV	176.4950, -0.7370, 3.0739
Hunter-Lab	66.0750, -1.9460, 4.1194

Details

The CIELCh color **72, 1.883, 19.300** is a light color, and the websafe version is hex **999999**. A complement of this color would be **73, 1.848, 199.583**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 2.147, 19.268**, and **52, 1.608, 19.341** is the 20% darker color. If you saturate the color by 10%, you get **67, 9.011, 20.237**, and if you desaturate by 10%, it is **77, 4.715, 199.206**.

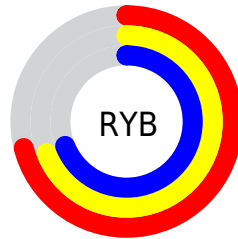
Distribution



Red (71%)

Green (69%)

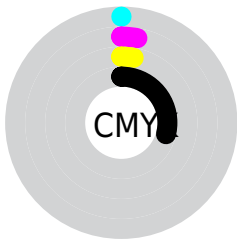
Blue (69%)



Red (71%)

Yellow (69%)

Blue (69%)

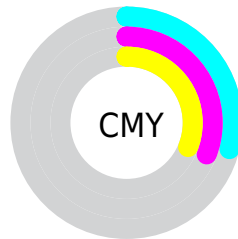


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 1.883, 19.300 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, 1.883, 19.300 by changing the saturation by 10% instead.

■ 72, 1.883, 19.300

■ 72, 1.883, 19.300

■ 100, 1.883, 19.300

■ 62, 1.883, 19.300

■ 92, 1.883, 19.300

■ 52, 1.883, 19.300

■ 42, 1.883, 19.300

■ 32, 1.883, 19.300

■ 22, 1.883, 19.300

■ 12, 1.883, 19.300

■ 2, 1.883, 19.300

■ 0, 1.883, 19.300

■ 72, 1.883, 19.300

■ 72, 1.883, 19.300

67, 9.011, 20.237

77, 4.715, 199.206

62, 16.700, 21.127

83, 10.823,
198.729

57, 24.946, 22.260

88, 16.493,
198.380

52, 33.690, 23.732

48, 42.801, 25.647

93, 21.776,
198.103

45, 52.060, 28.110

95, 23.883,
197.945

42, 61.158, 31.166

39, 69.643, 34.662

38, 76.609, 37.966

Harmonies

Complementary

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



72, 1.883, 19.300



73, 1.848, 199.583

Rectangle

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



72, 1.883, 19.300



72, 1.883, 69.300



72, 1.883, 199.300



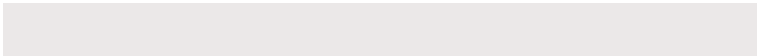
72, 1.883, 249.300

Sweetspot

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



72, 1.882, 19.351



92, 0.836, 18.777



72, 3.322, 324.520



49, 0.475, 18.732



96, 0.011, 296.813



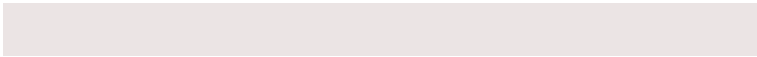
49, 0.007, 296.813

Same Dimension

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



72, 1.882, 19.351



91, 2.524, 19.393



73, 1.636, 74.881



37, 1.530, 19.478



31, 70.921, 39.536



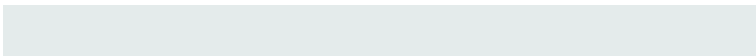
2, 9.151, 19.446

Inverse Universe

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



73, 1.848, 199.583



92, 2.475, 199.543



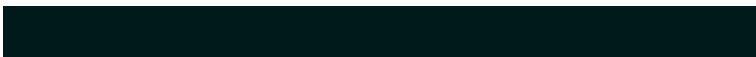
72, 1.638, 255.962



38, 1.495, 199.461



57, 34.195, 196.483



7, 9.128, 199.185

Previews

White Background



This preview shows how the CIE LCh color 72, 1.883, 19.300 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, 1.883, 19.300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

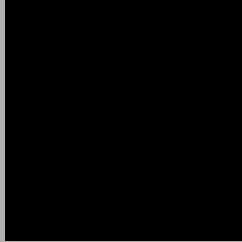
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

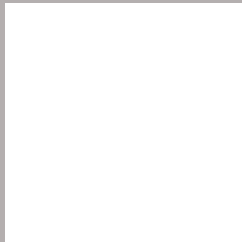
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 1.883, 19.300

Background



This preview shows how black text looks on a background with the CIELCh color 72, 1.883, 19.300.

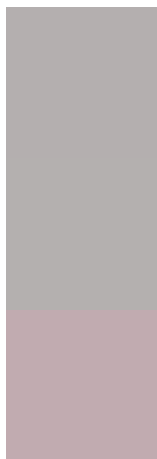


This preview shows how white text looks on a background with the CIELCh color 72, 1.883, 19.300.

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, 1.883, 19.300

Protanopia

72, 1.593, 39.106

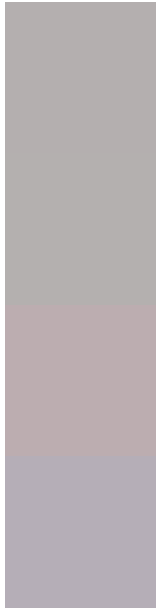
Deuteranopia

72, 8.807, 2.228



Tritanopia
72, 7.707, 313.260

Trichromacy



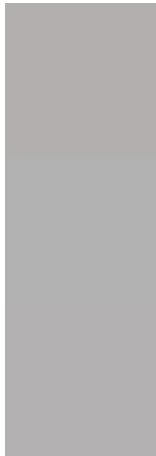
Original Color
72, 1.883, 19.300

Protanomaly
72, 1.593, 39.106

Deuteranomaly
72, 5.922, 3.902

Tritanomaly
72, 5.580, 318.319

Monochromacy



Original Color
72, 1.883, 19.300

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 0.751, 18.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 1.883, 19.300 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(180, 175, 175)` looks like.

```
.text, #text, p{  
    color:rgb(180, 175, 175)  
}
```

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(180, 175, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 175, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 1.883, 19.300 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(180, 175, 175) }
```

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

```
.border{ border-color:rgb(180, 175, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 175, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 175, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 175, 175);  
box-shadow:4px 4px 4px 4px rgb(180, 175,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 1.883, 19.300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 175, 175) }
```

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

```
.background{ background-color: rgb(180,  
175, 175) }
```

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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