

Converting Colors

CIELCh(72, 1.855, 163.669)

Have a look what the booklet for
CIELCh(72, 1.855, 163.669) contains.

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Color

CIELCh(72, 1.855, 163.669)

Conversions

Conversions Part 1

Format	Color
Hex	ADB1AF
RGB	173, 177, 175
RGB Percent	68%, 69%, 69%
CMY	0.3199, 0.3042, 0.3120
CMYK	0.02, 0.00, 0.01, 0.30
HSL	150°, 3%, 69%
HSV	150°, 2%, 70%
XYZ	40.9151, 43.6590, 47.0487
YIQ	175.5760, -1.7420, -1.4700

Conversions

Conversions Part 2

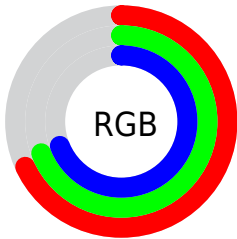
Format	Color
RYB	173, 176, 177
Decimal	11383215
CIELab	72.00, -1.78, 0.52
CIELCh	72, 1.855, 163.669
Yxy	43.6590, 0.3109, 0.3317
Android (android.graphics.Color)	4289573295 (0xFFADB1AF)
YUV	175.5760, -0.2840, -2.2592
Hunter-Lab	66.0750, -5.1001, 4.0351

Details

The CIELCh color $72, 1.855, 163.669$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 1.874, 343.614$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 2.365, 158.649$, and $52, 1.331, 173.730$ is the 20% darker color. If you saturate the color by 10%, you get $70, 10.122, 162.642$, and if you desaturate by 10%, it is $74, 6.367, 344.159$.

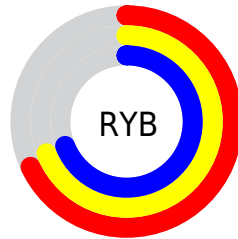
Distribution



Red (68%)

Green (69%)

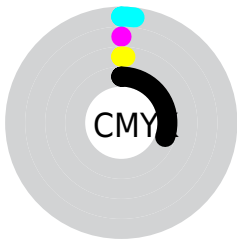
Blue (69%)



Red (68%)

Yellow (69%)

Blue (69%)

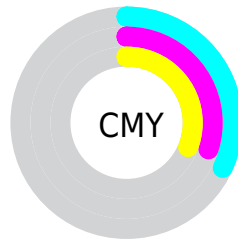


Cyan (2%)

Magenta (0%)

Yellow (1%)

Black (30%)



Cyan (32%)

Magenta (30%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 1.855, 163.669 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, 1.855, 163.669 by changing the saturation by 10% instead.

■ 72, 1.855, 163.669

■ 72, 1.855, 163.669

■ 100, 1.855,
163.669

■ 62, 1.855, 163.669

■ 92, 1.855, 163.669

■ 52, 1.855, 163.669

■ 42, 1.855, 163.669

■ 32, 1.855, 163.669

■ 22, 1.855, 163.669

■ 12, 1.855, 163.669

■ 2, 1.855, 163.669

■ 0, 1.855, 163.669

■ 72, 1.855, 163.669

■ 72, 1.855, 163.669

70, 10.122,
162.642

74, 6.367, 344.159

69, 18.341,
161.689

75, 14.483,
344.895

68, 26.405,
160.637

77, 22.442,
345.553

67, 34.188,
159.458

79, 30.210,
346.160

66, 41.552,
158.125

81, 35.746,
343.945

65, 48.364,
156.616

81, 38.521,
338.252

65, 54.507,
154.909

81, 41.655,
333.436

64, 59.908,
152.994

82, 45.066,
329.386

64, 64.551,

82, 48.550,
326.103

150.879

Harmonies

Complementary

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



72, 1.855, 163.669



71, 1.874, 343.614

Rectangle

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



72, 1.855, 163.669



72, 1.855, 213.669



72, 1.855, 343.669



72, 1.855, 33.669

Sweetspot

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



72, 1.857, 163.649



91, 1.010, 163.994



72, 2.294, 128.432



48, 0.573, 164.024



96, 0.011, 296.813



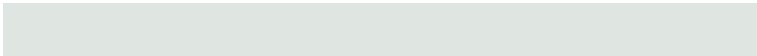
48, 0.006, 296.813

Same Dimension

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



72, 1.857, 163.649



91, 3.045, 163.533



72, 1.488, 198.222



38, 1.876, 163.451



55, 60.386, 149.490



7, 12.298, 158.282

Inverse Universe

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



71, 1.874, 343.614



89, 3.070, 343.729



71, 1.511, 17.828



37, 1.891, 343.811



32, 57.954, 1.280



2, 10.607, 349.841

Previews

White Background



This preview shows how the CIELCh color 72, 1.855, 163.669 looks on a white background.

Color Contrast Check

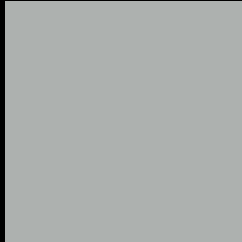
Large Text (above 18pt) WCAG AA × Fail

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, 1.855, 163.669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

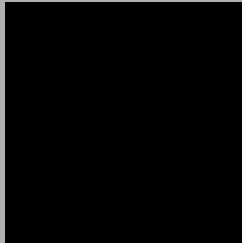
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

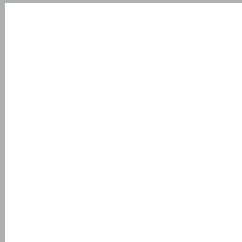
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 1.855, 163.669

Background



This preview shows how black text looks on a background with the CIELCh color 72, 1.855, 163.669.

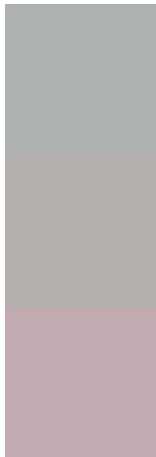


This preview shows how white text looks on a background with the CIELCh color 72, 1.855, 163.669.

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, 1.855, 163.669

Protanopia

72, 1.846, 55.193

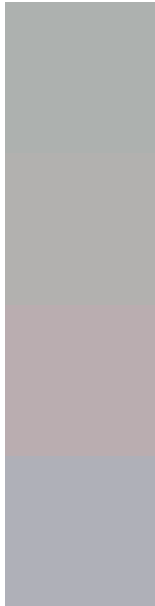
Deuteranopia

72, 8.976, 358.921



Tritanopia
72, 7.647, 293.647

Trichromacy



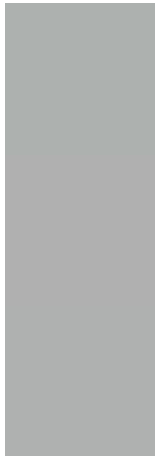
Original Color
72, 1.855, 163.669

Protanomaly
72, 1.137, 90.728

Deuteranomaly
72, 5.192, 1.489

Tritanomaly
72, 4.371, 285.805

Monochromacy



Original Color
72, 1.855, 163.669

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 0.924, 163.961

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 1.855, 163.669 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(173, 177, 175)` looks like.

```
.text, #text, p{  
    color:rgb(173, 177, 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(173, 177, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 177, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 1.855, 163.669 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(173, 177, 175) }
```

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

```
.border{ border-color:rgb(173, 177, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 177, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 177, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 177, 175);  
box-shadow:4px 4px 4px 4px rgb(173, 177,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 1.855, 163.669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 177, 175) }
```

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

```
.background{ background-color: rgb(173,  
177, 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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