

Converting Colors

CIELCh(72, 5.645, 156.372)

Have a look what the booklet for
CIELCh(72, 5.645, 156.372) contains.

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Color

CIELCh(72, 5.637, 156.595)

Conversions

Conversions Part 1

Format	Color
Hex	A8B3AC
RGB	168, 179, 172
RGB Percent	66%, 70%, 67%
CMY	0.3404, 0.2972, 0.3247
CMYK	0.06, 0.00, 0.04, 0.30
HSL	142°, 7%, 68%
HSV	142°, 6%, 70%
XYZ	39.8218, 43.6590, 45.4635
YIQ	174.9130, -4.3090, -4.5090

Conversions

Conversions Part 2

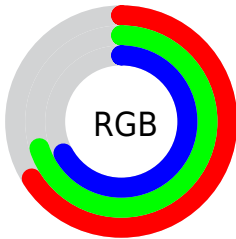
Format	Color
RYB	168, 176, 179
Decimal	11056044
CIELab	72.00, -5.17, 2.24
CIELCh	72, 5.637, 156.595
Yxy	43.6590, 0.3088, 0.3386
Android (android.graphics.Color)	4289246124 (0xFFA8B3AC)
YUV	174.9130, -1.4361, -6.0627
Hunter-Lab	66.0750, -8.0535, 5.4575

Details

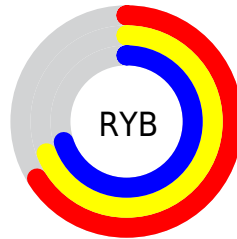
The CIELCh color $72, 5.637, 156.595$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 5.672, 337.353$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 5.972, 155.369$, and $52, 5.325, 158.103$ is the 20% darker color. If you saturate the color by 10%, you get $70, 14.879, 155.761$, and if you desaturate by 10%, it is $74, 3.534, 337.142$.

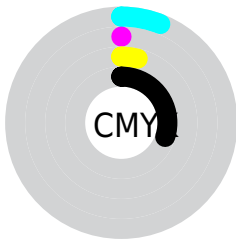
Distribution



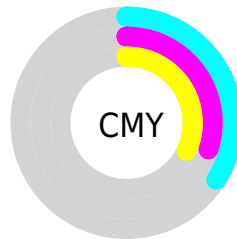
- Red (66%)
- Green (70%)
- Blue (67%)



- Red (66%)
- Yellow (69%)
- Blue (70%)



- Cyan (6%)
- Magenta (0%)
- Yellow (4%)
- Black (30%)



- Cyan (34%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 5.637, 156.595 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, 5.637, 156.595 by changing the saturation by 10% instead.

■ 72, 5.637, 156.595

■ 72, 5.637, 156.595

■ 100, 5.637,
156.595

■ 62, 5.637, 156.595

■ 92, 5.637, 156.595

■ 52, 5.637, 156.595

■ 42, 5.637, 156.595

■ 32, 5.637, 156.595

■ 22, 5.637, 156.595

■ 12, 5.637, 156.595

■ 2, 5.637, 156.595

■ 0, 5.637, 156.595

■ 72, 5.637, 156.595

■ 72, 5.637, 156.595

70, 14.879,
155.761

74, 3.534, 337.142

69, 24.085,
154.853

76, 12.561,
337.837

68, 33.129,
153.821

77, 21.390,
338.414

67, 41.862,
152.643

80, 29.983,
338.930

66, 50.122,
151.295

81, 37.620,
338.229

65, 57.747,
149.759

82, 41.710,
332.066

65, 64.597,
148.029

82, 46.230,
327.160

64, 70.577,
146.115

82, 47.452,
326.065

64, 75.660,

Harmonies

Complementary

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



72, 5.637, 156.595



70, 5.672, 337.353

Rectangle

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



72, 5.637, 156.595



72, 5.637, 206.595



72, 5.637, 336.595



72, 5.637, 26.595

Sweetspot

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



72, 5.639, 156.591



92, 2.255, 157.009



72, 6.148, 123.360



49, 1.292, 157.027



96, 0.011, 296.813



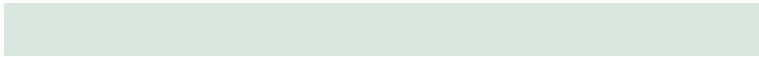
49, 0.007, 296.813

Same Dimension

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



72, 5.639, 156.591



91, 7.935, 156.510



72, 4.173, 186.743



37, 4.150, 156.482



55, 68.493, 143.604



7, 13.337, 153.524

Inverse Universe

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



70, 5.672, 337.353



88, 7.983, 337.432



70, 4.291, 7.556



36, 4.176, 337.459



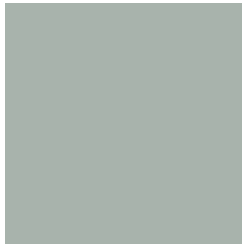
33, 60.917, 349.404



2, 11.607, 342.247

Previews

White Background



This preview shows how the CIELCh color 72, 5.637, 156.595 looks on a white background.

Color Contrast Check

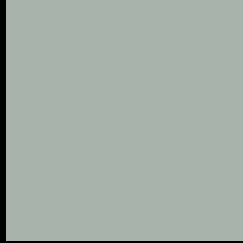
Large Text (above 18pt) WCAG AA × Fail

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, 5.637, 156.595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

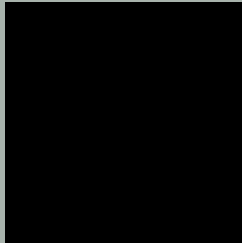
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

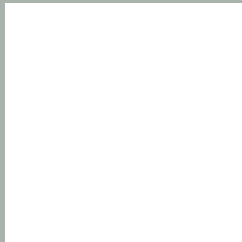
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 5.637, 156.595

Background



This preview shows how black text looks on a background with the CIELCh color 72, 5.637, 156.595.



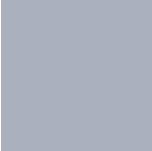
This preview shows how white text looks on a background with the CIELCh color 72, 5.637, 156.595.

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





Tritanopia
72, 7.803, 277.608

Trichromacy



Original Color
72, 5.637, 156.595

Protanomaly
72, 3.277, 116.467

Deuteranomaly
72, 4.212, 27.030

Tritanomaly
72, 4.548, 256.458

Monochromacy



Original Color
72, 5.637, 156.595

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 2.223, 152.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 5.637, 156.595 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(168, 179, 172)` looks like.

```
.text, #text, p{  
    color:rgb(168, 179, 172)  
}
```

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(168, 179, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 179, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 5.637, 156.595 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(168, 179, 172) }
```

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

```
.border{ border-color:rgb(168, 179, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 179, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 179, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 179, 172);  
box-shadow:4px 4px 4px 4px rgb(168, 179,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 5.637, 156.595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 179, 172) }
```

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

```
.background{ background-color: rgb(168,  
179, 172) }
```

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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