

Converting Colors

CIELCh(72, 7.836, 262.873)

Have a look what the booklet for
CIELCh(72, 7.836, 262.873) contains.

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Color

CIELCh(72, 7.548, 259.400)

Conversions

Conversions Part 1

Format	Color
Hex	A7B2BE
RGB	167, 178, 190
RGB Percent	65%, 70%, 75%
CMY	0.3459, 0.3028, 0.2557
CMYK	0.12, 0.06, 0.00, 0.26
HSL	211°, 15%, 70%
HSV	211°, 12%, 74%
XYZ	41.0426, 43.6590, 54.8574
YIQ	176.0790, -10.4080, 1.4000

Conversions

Conversions Part 2

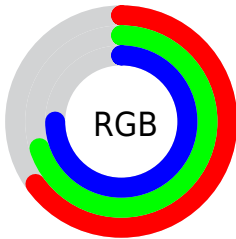
Format	Color
R_{YB}	167, 174, 190
Decimal	10990270
CIE _{Lab}	72.00, -1.39, -7.42
CIE _{LCh}	72, 7.548, 259.400
Yxy	43.6590, 0.2941, 0.3128
Android (android.graphics.Color)	4289180350 (0xFFA7B2BE)
YUV	176.0790, 6.8631, -7.9623
Hunter-Lab	66.0750, -4.7557, -2.9719

Details

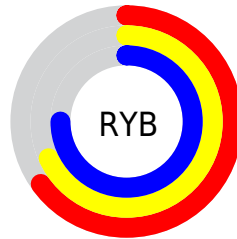
The CIELCh color `72, 7.548, 259.400` is a light color, and the websafe version is hex `999999`. A complement of this color would be `73, 7.741, 76.188`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 7.374, 256.760`, and `52, 7.832, 262.383` is the 20% darker color. If you saturate the color by 10%, you get `68, 13.727, 260.974`, and if you desaturate by 10%, it is `76, 1.327, 258.237`.

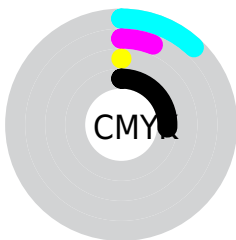
Distribution



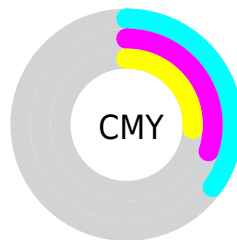
- Red (65%)
- Green (70%)
- Blue (75%)



- Red (65%)
- Yellow (68%)
- Blue (75%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (26%)



- Cyan (35%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 7.548, 259.400 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, 7.548, 259.400 by changing the saturation by 10% instead.

■ 72, 7.548, 259.400

■ 72, 7.548, 259.400

■ 100, 7.548,
259.400

■ 62, 7.548, 259.400

■ 92, 7.548, 259.400

■ 52, 7.548, 259.400

■ 42, 7.548, 259.400

■ 32, 7.548, 259.400

■ 22, 7.548, 259.400

■ 12, 7.548, 259.400

■ 2, 7.548, 259.400

■ 0, 7.548, 259.400

■ 72, 7.548, 259.400

■ 72, 7.548, 259.400

68, 13.727,
260.974

76, 1.327, 258.237

64, 19.846,
262.866

80, 4.915, 76.753

60, 25.889,
265.114

84, 11.157, 75.794

56, 31.852,
267.772

88, 17.385, 74.943

53, 37.750,
270.885

92, 22.162, 79.732

49, 43.623,
274.469

94, 25.205, 92.460

45, 49.539,
278.486

97, 29.197,
101.957

42, 55.581,
282.817

99, 32.814,
107.680

40, 60.493,

Harmonies

Complementary

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



72, 7.548, 259.400



73, 7.741, 76.188

Rectangle

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



72, 7.548, 259.400



72, 7.548, 309.400



72, 7.548, 79.400



72, 7.548, 129.400

Sweetspot

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



72, 7.547, 259.388



95, 3.101, 258.363



75, 10.438, 163.565



51, 2.221, 258.442



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 7.547, 259.388



90, 11.574, 259.853



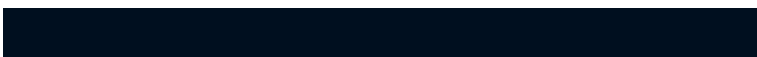
69, 12.643, 292.067



38, 3.517, 259.003



33, 52.107, 285.554



4, 11.803, 270.140

Inverse Universe

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



71, 10.581, 345.833



88, 16.303, 346.131



76, 12.299, 109.706



37, 4.909, 345.574



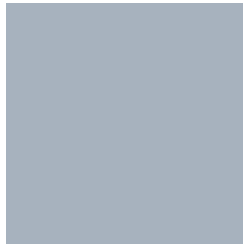
34, 59.166, 3.477



3, 13.786, 352.873

Previews

White Background



This preview shows how the CIELCh color 72, 7.548, 259.400 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, 7.548, 259.400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

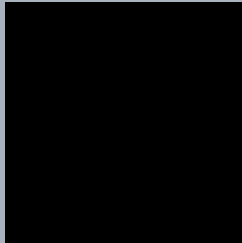
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

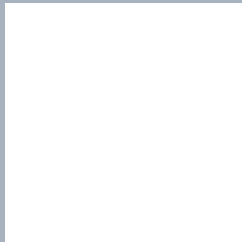
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 7.548, 259.400

Background



This preview shows how black text looks on a background with the CIELCh color 72, 7.548, 259.400.

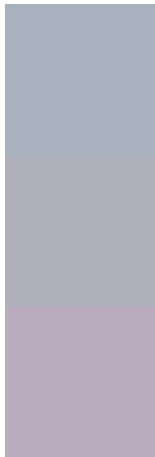


This preview shows how white text looks on a background with the CIELCh color 72, 7.548, 259.400.

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, 7.548, 259.400

Protanopia

72, 7.103, 293.810

Deuteranopia

72, 12.438, 319.254



Tritanopia
72, 8.485, 263.438

Trichromacy



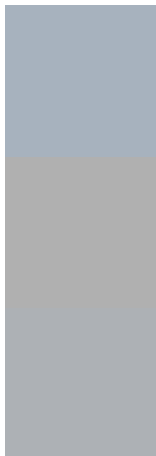
Original Color
72, 7.548, 259.400

Protanomaly
72, 7.146, 282.149

Deuteranomaly
72, 10.182, 305.569

Tritanomaly
72, 8.012, 261.534

Monochromacy



Original Color
72, 7.548, 259.400

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 2.613, 256.092

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 7.548, 259.400 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(167, 178, 190)` looks like.

```
.text, #text, p{  
    color:rgb(167, 178, 190)  
}
```

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(167, 178, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 178, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 7.548, 259.400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

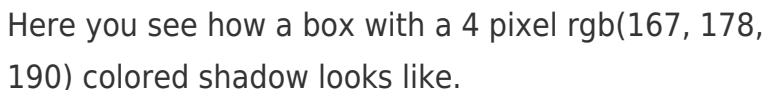
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 178, 190) }
```

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

```
.border{ border-color:rgb(167, 178, 190) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 178, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 178, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 178, 190); box-shadow:4px 4px 4px 4px rgb(167, 178, 190) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 7.548, 259.400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 178, 190) }
```

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

```
.background{ background-color: rgb(167,  
178, 190) }
```

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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