

Converting Colors

CIELCh(72, 5.838, 198.861)

Have a look what the booklet for
CIELCh(72, 5.838, 198.861) contains.

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Color

CIELCh(72, 5.838, 199.013)

Conversions

Conversions Part 1

Format	Color
Hex	A4B4B4
RGB	164, 180, 180
RGB Percent	64%, 71%, 71%
CMY	0.3581, 0.2953, 0.2953
CMYK	0.09, 0.00, 0.00, 0.30
HSL	180°, 10%, 67%
HSV	180°, 9%, 70%
XYZ	39.7113, 43.6590, 49.3475
YIQ	175.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

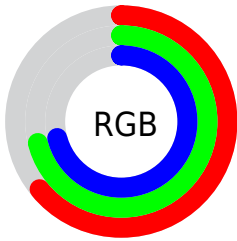
Format	Color
RYB	164, 172, 180
Decimal	10794164
CIELab	72.00, -5.52, -1.90
CIELCh	72, 5.838, 199.013
Yxy	43.6590, 0.2992, 0.3290
Android (android.graphics.Color)	4288984244 (0xFFA4B4B4)
YUV	175.2160, 2.3585, -9.8364
Hunter-Lab	66.0750, -8.3520, 1.9723

Details

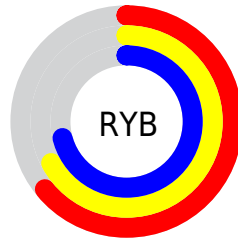
The CIELCh color **72, 5.838, 199.013** is a light color, and the websafe version is hex **999999**. A complement of this color would be **69, 6.171, 19.866**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 5.919, 199.113**, and **52, 5.796, 198.860** is the 20% darker color. If you saturate the color by 10%, you get **71, 12.058, 198.448**, and if you desaturate by 10%, it is **73, 0.738, 18.762**.

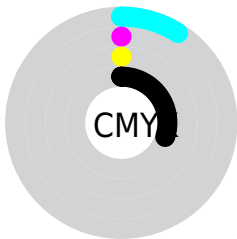
Distribution



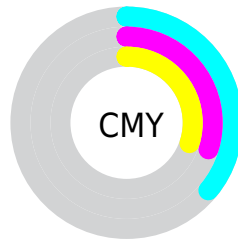
- Red (64%)
- Green (71%)
- Blue (71%)



- Red (64%)
- Yellow (67%)
- Blue (71%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (30%)



- Cyan (36%)
- Magenta (30%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 5.838, 199.013 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, 5.838, 199.013 by changing the saturation by 10% instead.

■ 72, 5.838, 199.013

■ 72, 5.838, 199.013

■ 100, 5.838,
199.013

■ 62, 5.838, 199.013

■ 92, 5.838, 199.013

■ 52, 5.838, 199.013

■ 42, 5.838, 199.013

■ 32, 5.838, 199.013

■ 22, 5.838, 199.013

■ 12, 5.838, 199.013

■ 2, 5.838, 199.013

■ 0, 5.838, 199.013

■ 72, 5.838, 199.013

■ 72, 5.838, 199.013

71, 12.058,
198.448

73, 0.738, 18.762

70, 17.817,
197.974

75, 7.578, 19.957

76, 14.600, 20.583

69, 23.010,
197.559

78, 21.737, 21.204

68, 27.536,
197.204

80, 28.932, 21.827

80, 29.517, 21.875

67, 31.311,
196.912

80, 29.517, 21.872

67, 34.279,
196.686

80, 29.517, 21.869

80, 29.517, 21.866

67, 36.420,
196.523

66, 37.768,
196.421

66, 38.474,

Harmonies

Complementary

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



72, 5.838, 199.013



69, 6.171, 19.866

Rectangle

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



72, 5.838, 199.013



72, 5.838, 249.013



72, 5.838, 19.013



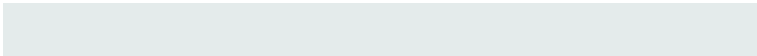
72, 5.838, 69.013

Sweetspot

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



72, 5.839, 198.998



92, 2.477, 199.475



72, 10.592, 143.518



49, 1.873, 199.380



96, 0.011, 296.813



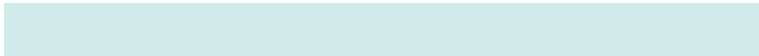
49, 0.007, 296.813

Same Dimension

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



72, 5.839, 198.998



91, 8.909, 198.862



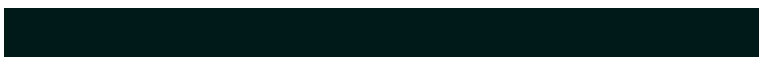
70, 5.150, 254.780



37, 3.691, 198.973



57, 34.230, 196.361



7, 9.138, 199.082

Inverse Universe

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



69, 6.171, 19.866



86, 9.555, 20.046



71, 5.266, 72.476



35, 3.911, 19.899



31, 70.924, 39.520



2, 9.156, 19.394

Previews

White Background



This preview shows how the CIELCh color 72, 5.838, 199.013 looks on a white background.

Color Contrast Check

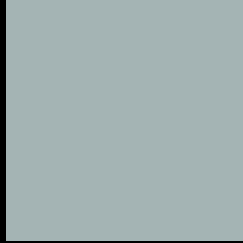
Large Text (above 18pt) WCAG AA × Fail

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, 5.838, 199.013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

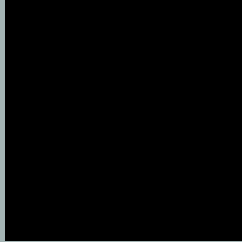
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

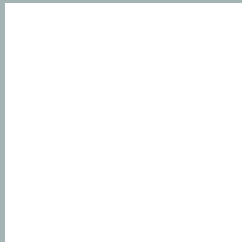
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 5.838, 199.013

Background



This preview shows how black text looks on a background with the CIELCh color 72, 5.838, 199.013.

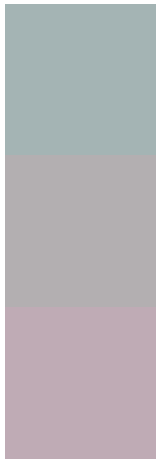


This preview shows how white text looks on a background with the CIELCh color 72, 5.838, 199.013.

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](#).

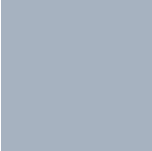
Dichromacy



Original Color
72, 5.838, 199.013

Protanopia
72, 1.868, 343.630

Deuteranopia
72, 9.305, 344.482



Tritanopia
72, 8.644, 261.352

Trichromacy



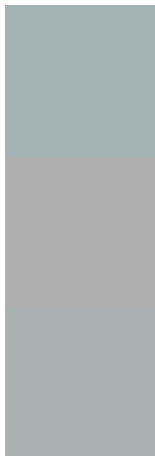
Original Color
72, 5.838, 199.013

Protanomaly
72, 1.574, 219.858

Deuteranomaly
72, 4.649, 324.600

Tritanomaly
72, 6.930, 244.258

Monochromacy



Original Color
72, 5.838, 199.013

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 2.224, 199.446

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 5.838, 199.013 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(164, 180, 180)` looks like.

```
.text, #text, p{  
    color:rgb(164, 180, 180)  
}
```

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(164, 180, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 180, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 5.838, 199.013 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(164, 180, 180) }
```

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

```
.border{ border-color:rgb(164, 180, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 180, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 180, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 180, 180);  
box-shadow:4px 4px 4px 4px rgb(164, 180,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 5.838, 199.013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 180, 180) }
```

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

```
.background{ background-color: rgb(164,  
180, 180) }
```

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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