

Converting Colors

CIELCh(72, 7.156, 208.706)

Have a look what the booklet for
CIELCh(72, 7.156, 208.706) contains.

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Color

CIELCh(72, 6.932, 207.992)

Conversions

Conversions Part 1

Format	Color
Hex	A1B4B6
RGB	161, 180, 182
RGB Percent	63%, 71%, 71%
CMY	0.3682, 0.2937, 0.2858
CMYK	0.12, 0.01, 0.00, 0.29
HSL	186°, 13%, 67%
HSV	186°, 12%, 71%
XYZ	39.5199, 43.6590, 50.6614
YIQ	174.5470, -11.9660, -3.4060

Conversions

Conversions Part 2

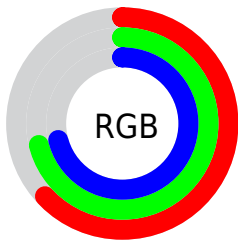
Format	Color
RYB	161, 171, 182
Decimal	10597558
CIELab	72.00, -6.12, -3.25
CIElCh	72, 6.932, 207.992
Yxy	43.6590, 0.2953, 0.3262
Android (android.graphics.Color)	4288787638 (0xFFA1B4B6)
YUV	174.5470, 3.6743, -11.8807
Hunter-Lab	66.0750, -8.8691, 0.7933

Details

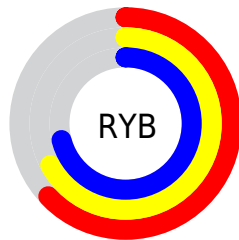
The CIELCh color $72, 6.932, 207.992$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 7.469, 28.385$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 6.972, 207.592$, and $52, 6.934, 208.441$ is the 20% darker color. If you saturate the color by 10%, you get $70, 12.559, 207.855$, and if you desaturate by 10%, it is $74, 0.944, 208.630$.

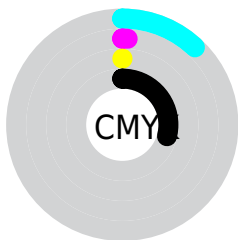
Distribution



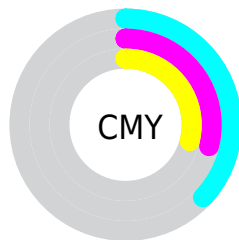
- Red (63%)
- Green (71%)
- Blue (71%)



- Red (63%)
- Yellow (67%)
- Blue (71%)



- Cyan (12%)
- Magenta (1%)
- Yellow (0%)
- Black (29%)



- Cyan (37%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 6.932, 207.992 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, 6.932, 207.992 by changing the saturation by 10% instead.

■ 72, 6.932, 207.992

■ 72, 6.932, 207.992

■ 100, 6.932,
207.992

■ 62, 6.932, 207.992

■ 92, 6.932, 207.992

■ 52, 6.932, 207.992

■ 42, 6.932, 207.992

■ 32, 6.932, 207.992

■ 22, 6.932, 207.992

■ 12, 6.932, 207.992

■ 2, 6.932, 207.992

■ 0, 6.932, 207.992

■ 72, 6.932, 207.992

■ 72, 6.932, 207.992

70, 12.559,
207.855

74, 0.944, 208.630

69, 17.729,
207.860

76, 5.322, 28.226

67, 22.344,
208.006

78, 11.792, 28.573

66, 26.308,
208.317

82, 25.108, 29.285

65, 29.538,
208.826

83, 25.733, 31.111

64, 31.979,
209.567

83, 25.268, 33.280

63, 33.616,
210.578

84, 24.841, 35.528

62, 34.488,
211.889

84, 24.454, 37.852

62, 34.800,

Harmonies

Complementary

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



72, 6.932, 207.992



69, 7.469, 28.385

Rectangle

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



72, 6.932, 207.992



72, 6.932, 257.992



72, 6.932, 27.992



72, 6.932, 77.992

Sweetspot

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



72, 6.933, 207.979



93, 2.283, 208.326



72, 13.191, 146.088



50, 1.742, 208.252



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



72, 6.933, 207.979



91, 10.353, 207.931



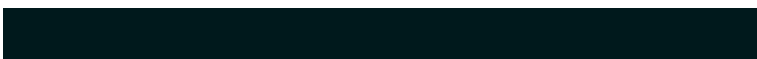
69, 7.366, 265.460



38, 3.449, 208.028



53, 31.004, 212.967



7, 9.177, 211.839

Inverse Universe

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



69, 13.107, 327.761



86, 19.748, 327.921



71, 7.465, 82.388



36, 6.474, 327.631



36, 74.218, 332.361



3, 17.081, 328.693

Previews

White Background



This preview shows how the CIELCh color 72, 6.932, 207.992 looks on a white background.

Color Contrast Check

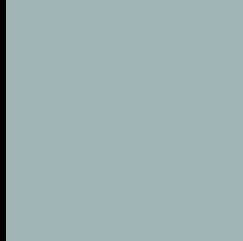
Large Text (above 18pt) WCAG AA × Fail

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, 6.932, 207.992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

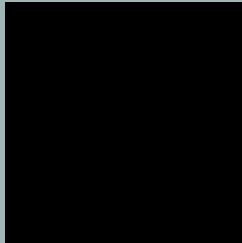
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

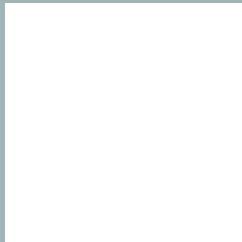
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 6.932, 207.992

Background



This preview shows how black text looks on a background with the CIELCh color 72, 6.932, 207.992.



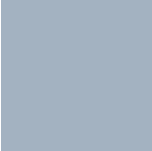
This preview shows how white text looks on a background with the CIELCh color 72, 6.932, 207.992.

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, 9.619, 257.572

Trichromacy



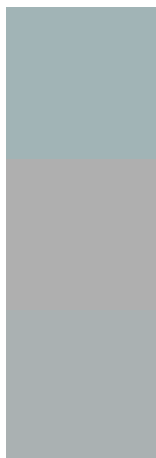
Original Color
72, 6.932, 207.992

Protanomaly
72, 2.446, 241.453

Deuteranomaly
72, 5.271, 311.166

Tritanomaly
72, 8.038, 241.857

Monochromacy



Original Color
72, 6.932, 207.992

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 2.635, 211.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 6.932, 207.992 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(161, 180, 182)` looks like.

```
.text, #text, p{  
    color:rgb(161, 180, 182)  
}
```

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(161, 180, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 180, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 6.932, 207.992 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(161, 180, 182) }
```

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

```
.border{ border-color:rgb(161, 180, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 180, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 180, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 180, 182);  
box-shadow:4px 4px 4px 4px rgb(161, 180,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 6.932, 207.992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 180, 182) }
```

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

```
.background{ background-color: rgb(161,  
180, 182) }
```

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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