

Converting Colors

CIELCh(72, 5.638, 162.292)

Have a look what the booklet for
CIELCh(72, 5.638, 162.292) contains.

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Color

CIELCh(72, 5.570, 163.171)

Conversions

Conversions Part 1

Format	Color
Hex	A7B3AD
RGB	167, 179, 173
RGB Percent	65%, 70%, 68%
CMY	0.3438, 0.2967, 0.3202
CMYK	0.07, 0.00, 0.03, 0.30
HSL	150°, 7%, 68%
HSV	150°, 7%, 70%
XYZ	39.7713, 43.6590, 46.0376
YIQ	174.7280, -5.2260, -4.4100

Conversions

Conversions Part 2

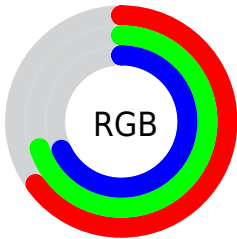
Format	Color
RYB	167, 175, 179
Decimal	10990509
CIELab	72.00, -5.33, 1.61
CIELCh	72, 5.570, 163.171
Yxy	43.6590, 0.3072, 0.3372
Android (android.graphics.Color)	4289180589 (0xFFA7B3AD)
YUV	174.7280, -0.8519, -6.7775
Hunter-Lab	66.0750, -8.1900, 4.9423

Details

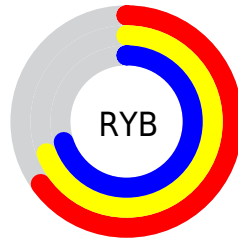
The CIELCh color $72, 5.570, 163.171$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 5.627, 344.123$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 5.892, 161.269$, and $52, 5.274, 165.512$ is the 20% darker color. If you saturate the color by 10%, you get $71, 13.899, 162.241$, and if you desaturate by 10%, it is $74, 2.751, 343.762$.

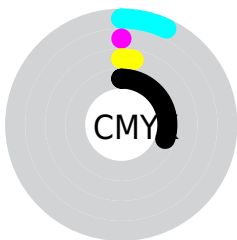
Distribution



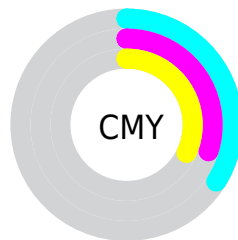
- Red (65%)
- Green (70%)
- Blue (68%)



- Red (65%)
- Yellow (69%)
- Blue (70%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (30%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 5.570, 163.171 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, 5.570, 163.171 by changing the saturation by 10% instead.

72, 5.570, 163.171

72, 5.570, 163.171

100, 5.570,
163.171

62, 5.570, 163.171

92, 5.570, 163.171

52, 5.570, 163.171

42, 5.570, 163.171

32, 5.570, 163.171

22, 5.570, 163.171

12, 5.570, 163.171

2, 5.570, 163.171

0, 5.570, 163.171

72, 5.570, 163.171

72, 5.570, 163.171

71, 13.899,
162.241

74, 2.751, 343.762

69, 22.134,
161.247

75, 10.992,
344.595

68, 30.157,
160.140

77, 19.095,
345.283

67, 37.834,
158.894

79, 27.018,
345.912

66, 45.028,
157.484

81, 34.156,
345.680

65, 51.607,
155.887

81, 36.854,
339.537

65, 57.472,
154.086

82, 39.949,
334.356

65, 62.572,
152.077

82, 43.350,
330.022

64, 66.942,

82, 46.983,
326.403

149.892

Harmonies

Complementary

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



72, 5.570, 163.171



70, 5.627, 344.123

Rectangle

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



72, 5.570, 163.171



72, 5.570, 213.171



72, 5.570, 343.171



72, 5.570, 33.171

Sweetspot

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



72, 5.572, 163.165



92, 2.045, 163.702



72, 6.888, 128.206



49, 1.172, 163.723



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, 5.572, 163.165



90, 8.212, 163.031



72, 4.413, 197.740



37, 4.698, 162.923



55, 60.371, 149.503



7, 12.297, 158.292

Inverse Universe

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



70, 5.627, 344.123



87, 8.305, 344.256



70, 4.594, 18.343



35, 4.757, 344.365



32, 57.951, 1.302



2, 10.606, 349.855

Previews

White Background



This preview shows how the CIELCh color 72, 5.570, 163.171 looks on a white background.

Color Contrast Check

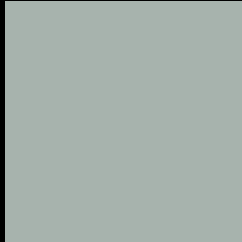
Large Text (above 18pt) WCAG AA × Fail

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, 5.570, 163.171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

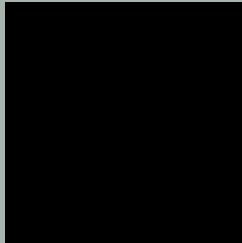
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

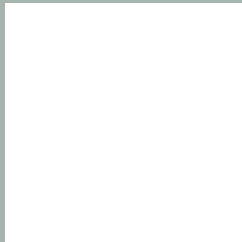
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 5.570, 163.171

Background



This preview shows how black text looks on a background with the CIELCh color 72, 5.570, 163.171.

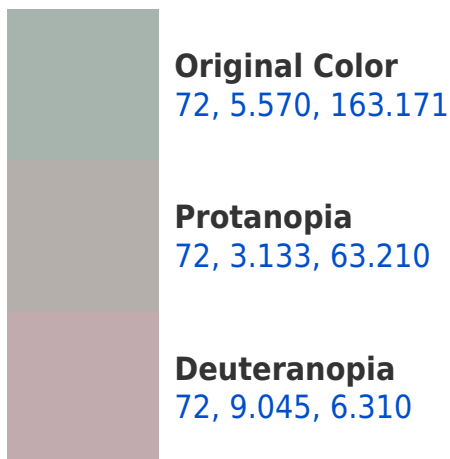


This preview shows how white text looks on a background with the CIELCh color 72, 5.570, 163.171.

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, 7.974, 272.595

Trichromacy



Original Color
72, 5.570, 163.171

Protanomaly
72, 2.738, 117.811

Deuteranomaly
72, 3.790, 19.597

Tritanomaly
72, 4.970, 249.463

Monochromacy



Original Color
72, 5.570, 163.171

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 2.493, 158.561

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 5.570, 163.171 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, 179, 173)` looks like.

```
.text, #text, p{  
    color:rgb(167, 179, 173)  
}
```

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, 179, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 179, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 5.570, 163.171 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, 179, 173) }
```

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

```
.border{ border-color:rgb(167, 179, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 179, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 179, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 179, 173);  
box-shadow:4px 4px 4px 4px rgb(167, 179,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 5.570, 163.171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 179, 173) }
```

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

```
.background{ background-color: rgb(167,  
179, 173) }
```

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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