

Converting Colors

CIELCh(70, 5.987, 172.804)

Have a look what the booklet for
CIELCh(70, 5.987, 172.804) contains.

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Color

CIELCh(70, 5.927, 171.475)

Conversions

Conversions Part 1

Format	Color
Hex	A0AEA9
RGB	160, 174, 169
RGB Percent	63%, 68%, 66%
CMY	0.3715, 0.3166, 0.3362
CMYK	0.08, 0.00, 0.03, 0.32
HSL	159°, 8%, 66%
HSV	159°, 8%, 68%
XYZ	36.9227, 40.7494, 43.5851
YIQ	169.2440, -6.7390, -4.5230

Conversions

Conversions Part 2

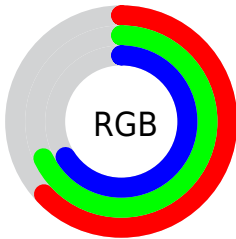
Format	Color
RYB	160, 169, 174
Decimal	10530473
CIELab	70.00, -5.86, 0.88
CIELCh	70, 5.927, 171.475
Yxy	40.7494, 0.3045, 0.3361
Android (android.graphics.Color)	4288720553 (0xFFA0AEA9)
YUV	169.2440, -0.1203, -8.1070
Hunter-Lab	63.8353, -8.4663, 4.2030

Details

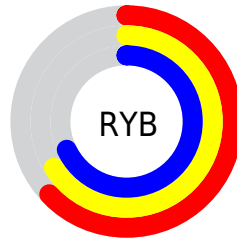
The CIELCh color **70, 5.927, 171.475** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 6.043, 352.780**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 5.633, 171.661**, and **50, 6.315, 171.169** is the 20% darker color. If you saturate the color by 10%, you get **69, 13.229, 170.472**, and if you desaturate by 10%, it is **71, 1.457, 351.999**.

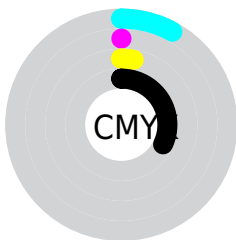
Distribution



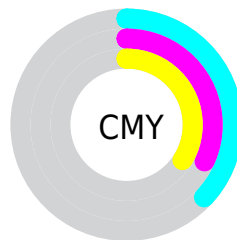
- Red (63%)
- Green (68%)
- Blue (66%)



- Red (63%)
- Yellow (66%)
- Blue (68%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (32%)



- Cyan (37%)
- Magenta (32%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 5.927, 171.475 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 70, 5.927, 171.475 by changing the saturation by 10% instead.

■ 70, 5.927, 171.475

■ 70, 5.927, 171.475

■ 100, 5.927,
171.475

■ 60, 5.927, 171.475

■ 90, 5.927, 171.475

■ 50, 5.927, 171.475

■ 40, 5.927, 171.475

■ 30, 5.927, 171.475

■ 20, 5.927, 171.475

■ 10, 5.927, 171.475

■ 0, 5.927, 171.475

■ 70, 5.927, 171.475

■ 70, 5.927, 171.475

■ 69, 13.229,

■ 71, 1.457, 351.999

170.472

73, 8.848, 353.063

67, 20.348,
169.420

75, 16.183,
353.860

66, 27.175,
168.272

77, 23.416,
354.601

65, 33.589,
167.003

79, 30.513,
355.301

65, 39.472,
165.590

80, 34.257,
352.725

64, 44.721,
164.007

80, 35.707,
347.956

64, 49.265,
162.233

80, 37.406,
343.619

63, 53.088,
160.256

80, 39.318,
339.713

63, 56.285,
158.113

Harmonies

Complementary

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



70, 5.927, 171.475



67, 6.043, 352.780

Rectangle

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



70, 5.927, 171.475



70, 5.927, 221.475



70, 5.927, 351.475



70, 5.927, 41.475

Sweetspot

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



70, 5.929, 171.467



90, 1.827, 172.212



70, 8.386, 133.272



48, 1.047, 172.237



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



70, 5.929, 171.467



88, 9.136, 171.254



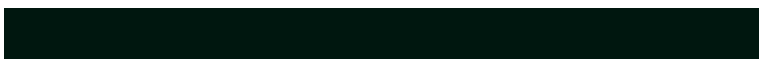
70, 4.562, 212.137



36, 4.157, 171.341



55, 50.801, 157.995



6, 9.393, 166.320

Inverse Universe

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



67, 6.043, 352.780



84, 9.354, 353.001



68, 4.799, 32.041



34, 4.248, 352.911



31, 57.641, 14.811



2, 8.514, 356.554

Previews

White Background



This preview shows how the CIELCh color 70, 5.927, 171.475 looks on a white background.

Color Contrast Check

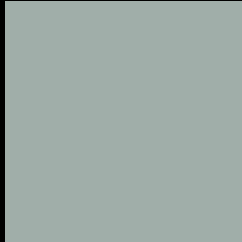
Large Text (above 18pt) WCAG AA × Fail

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 70, 5.927, 171.475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

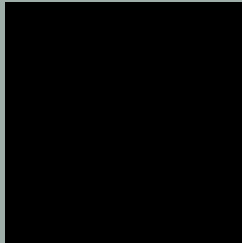
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

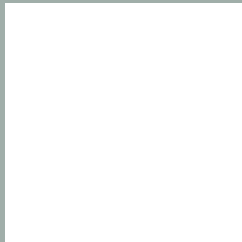
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 5.927, 171.475

Background



This preview shows how black text looks on a background with the CIELCh color 70, 5.927, 171.475.



This preview shows how white text looks on a background with the CIELCh color 70, 5.927, 171.475.

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

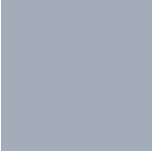
70, 5.927, 171.475

Protanopia

70, 2.498, 60.259

Deuteranopia

70, 9.036, 358.958



Tritanopia
70, 7.754, 266.221

Trichromacy



Original Color
70, 5.927, 171.475

Protanomaly
70, 2.313, 129.015

Deuteranomaly
70, 3.598, 1.905

Tritanomaly
70, 5.131, 239.115

Monochromacy



Original Color
70, 5.927, 171.475

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 2.510, 173.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 5.927, 171.475 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(160, 174, 169)` looks like.

```
.text, #text, p{  
    color:rgb(160, 174, 169)  
}
```

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(160, 174, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 174, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 5.927, 171.475 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(160, 174, 169) }
```

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

```
.border{ border-color:rgb(160, 174, 169) }
```

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

Here you see how a box with a 4 pixel rgb(160, 174, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 174, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 174, 169);  
box-shadow:4px 4px 4px 4px rgb(160, 174,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 5.927, 171.475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 174, 169) }
```

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

```
.background{ background-color: rgb(160,  
174, 169) }
```

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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