

Converting Colors

CIELCh(70, 5.266, 168.270)

Have a look what the booklet for
CIELCh(70, 5.266, 168.270) contains.

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Color

CIELCh(70, 5.284, 167.878)

Conversions

Conversions Part 1

Format	Color
Hex	A2AEA9
RGB	162, 174, 169
RGB Percent	64%, 68%, 66%
CMY	0.3652, 0.3181, 0.3378
CMYK	0.07, 0.00, 0.03, 0.32
HSL	155°, 7%, 66%
HSV	155°, 7%, 68%
XYZ	37.1342, 40.7494, 43.3805
YIQ	169.8420, -5.5470, -4.0990

Conversions

Conversions Part 2

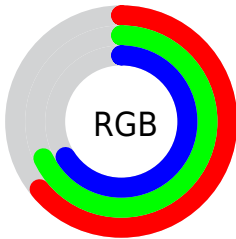
Format	Color
RYB	162, 170, 174
Decimal	10661545
CIELab	70.00, -5.17, 1.11
CIElCh	70, 5.284, 167.878
Yxy	40.7494, 0.3062, 0.3360
Android (android.graphics.Color)	4288851625 (0xFFA2AEA9)
YUV	169.8420, -0.4151, -6.8774
Hunter-Lab	63.8353, -7.8748, 4.3930

Details

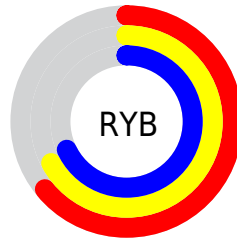
The CIELCh color **70, 5.284, 167.878** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 5.359, 348.922**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 5.019, 168.038**, and **50, 5.636, 167.621** is the 20% darker color. If you saturate the color by 10%, you get **69, 12.910, 166.899**, and if you desaturate by 10%, it is **72, 2.379, 348.482**.

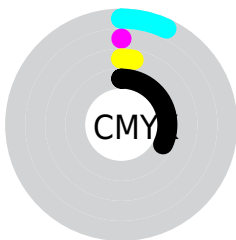
Distribution



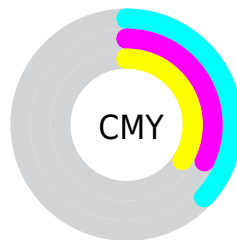
- Red (64%)
- Green (68%)
- Blue (66%)



- Red (64%)
- Yellow (67%)
- Blue (68%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (32%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 5.284, 167.878 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, 5.284, 167.878 by changing the saturation by 10% instead.

■ 70, 5.284, 167.878

■ 70, 5.284, 167.878

■ 100, 5.284,
167.878

■ 60, 5.284, 167.878

■ 90, 5.284, 167.878

■ 50, 5.284, 167.878

■ 40, 5.284, 167.878

■ 30, 5.284, 167.878

■ 20, 5.284, 167.878

■ 10, 5.284, 167.878

■ 0, 5.284, 167.878

■ 70, 5.284, 167.878

■ 70, 5.284, 167.878

■ 69, 12.910,

■ 72, 2.379, 348.482

166.899

73, 10.007,
349.396

67, 20.400,
165.869

75, 17.542,
350.147

66, 27.643,
164.736

77, 24.941,
350.842

65, 34.519,
163.475

79, 32.176,
351.494

64, 40.900,
162.061

80, 35.811,
348.184

64, 46.674,
160.470

80, 37.794,
343.175

63, 51.759,
158.681

80, 40.062,
338.742

63, 56.120,
156.685

80, 42.564,
334.850

63, 59.815,
154.508

Harmonies

Complementary

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



70, 5.284, 167.878



68, 5.359, 348.922

Rectangle

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



70, 5.284, 167.878



70, 5.284, 217.878



70, 5.284, 347.878



70, 5.284, 37.878

Sweetspot

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



70, 5.286, 167.870



90, 1.898, 168.471



70, 7.062, 131.095



48, 1.087, 168.495



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, 5.286, 167.870



89, 7.607, 167.748



70, 4.149, 205.250



36, 4.325, 167.636



55, 54.454, 154.141



6, 9.791, 162.990

Inverse Universe

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



68, 5.359, 348.922



85, 7.727, 349.046



68, 4.333, 25.490



34, 4.400, 349.161



32, 57.016, 9.139



2, 8.750, 353.247

Previews

White Background



This preview shows how the CIELCh color 70, 5.284, 167.878 looks on a white background.

Color Contrast Check

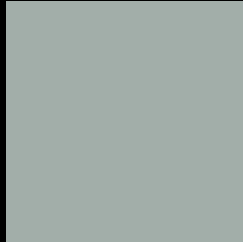
Large Text (above 18pt) WCAG AA × Fail

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, 5.284, 167.878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

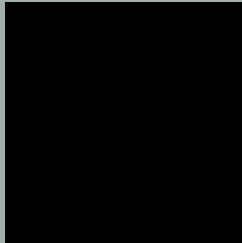
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

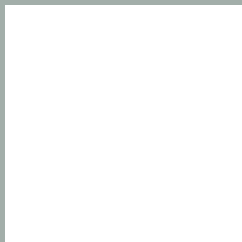
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 5.284, 167.878

Background



This preview shows how black text looks on a background with the CIELCh color 70, 5.284, 167.878.



This preview shows how white text looks on a background with the CIELCh color 70, 5.284, 167.878.

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, 5.284, 167.878

Protanopia

70, 2.498, 60.259

Deuteranopia

70, 9.036, 358.958



Tritanopia
70, 7.927, 275.110

Trichromacy



Original Color
70, 5.284, 167.878

Protanomaly
70, 1.679, 122.988

Deuteranomaly
70, 3.964, 3.638

Tritanomaly
70, 4.777, 252.828

Monochromacy



Original Color
70, 5.284, 167.878

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 1.601, 179.585

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 5.284, 167.878 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(162, 174, 169)` looks like.

```
.text, #text, p{  
    color:rgb(162, 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(162, 174, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 174, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 5.284, 167.878 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(162, 174, 169) }
```

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

```
.border{ border-color:rgb(162, 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(162, 174, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 174, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 174, 169);  
box-shadow:4px 4px 4px 4px rgb(162, 174,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 5.284, 167.878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 174, 169) }
```

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

```
.background{ background-color: rgb(162,  
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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