

Converting Colors

CIELCh(70, 12.443, 170.513)

Have a look what the booklet for
CIELCh(70, 12.443, 170.513)
contains.

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Color

CIELCh(70, 12.668, 169.987)

Conversions

Conversions Part 1

Format	Color
Hex	94B2A7
RGB	148, 178, 167
RGB Percent	58%, 70%, 65%
CMY	0.4209, 0.3033, 0.3464
CMYK	0.17, 0.00, 0.06, 0.30
HSL	158°, 16%, 64%
HSV	158°, 17%, 70%
XYZ	34.9509, 40.7494, 42.4211
YIQ	167.7760, -14.3490, -9.7810

Conversions

Conversions Part 2

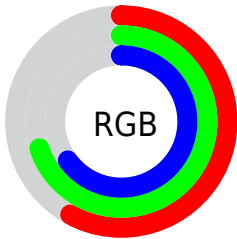
Format	Color
RYB	148, 166, 178
Decimal	9745063
CIELab	70.00, -12.48, 2.20
CIElCh	70, 12.668, 169.987
Yxy	40.7494, 0.2959, 0.3450
Android (android.graphics.Color)	4287935143 (0xFF94B2A7)
YUV	167.7760, -0.3826, -17.3436
Hunter-Lab	63.8353, -13.9799, 5.2841

Details

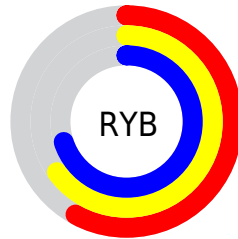
The CIELCh color **70, 12.668, 169.987** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 13.151, 353.096**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 12.935, 169.751**, and **50, 12.478, 170.099** is the 20% darker color. If you saturate the color by 10%, you get **69, 19.983, 168.940**, and if you desaturate by 10%, it is **71, 5.189, 170.977**.

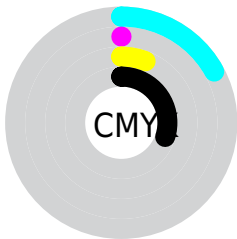
Distribution



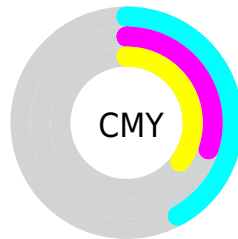
- Red (58%)
- Green (70%)
- Blue (65%)



- Red (58%)
- Yellow (65%)
- Blue (70%)



- Cyan (17%)
- Magenta (0%)
- Yellow (6%)
- Black (30%)





- Cyan (42%)
- Magenta (30%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 12.668, 169.987 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, 12.668, 169.987 by changing the saturation by 10% instead.


 70, 12.668,
169.987


 70, 12.668,
169.987


 100, 12.668,
169.987


 60, 12.668,
169.987


 90, 12.668,
169.987

 50, 12.668,
169.987

 40, 12.668,
169.987

 30, 12.668,
169.987

 20, 12.668,
169.987

 10, 12.668,
169.987

 0, 12.668, 169.987

70, 12.668,
169.987

70, 12.668,
169.987

69, 19.983,
168.940

71, 5.189, 170.977

68, 27.019,
167.802

73, 2.363, 351.597

75, 9.906, 352.548

67, 33.653,
166.543

76, 17.380,
353.333

66, 39.764,
165.140

78, 24.741,
354.064

65, 45.242,
163.567

80, 31.957,
354.754

65, 50.011,
161.803


81, 33.607,
349.620

64, 54.046,
159.835

81, 35.313,
344.737

64, 57.408,

157.683

 81, 37.271,
340.371

 64, 58.405,
157.024

Harmonies

Complementary

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



70, 12.668, 169.987



64, 13.151, 353.096

Rectangle

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



70, 12.668, 169.987



70, 12.668, 219.987



70, 12.668, 349.987



70, 12.668, 39.987

Sweetspot

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



70, 12.669, 169.983



91, 4.685, 171.168



70, 17.861, 132.318



49, 3.222, 171.092



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 12.669, 169.983



88, 18.598, 169.631



69, 9.621, 210.249



37, 4.284, 170.732



56, 52.043, 157.316



7, 11.210, 164.925

Inverse Universe

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



64, 13.151, 353.096



80, 19.457, 353.480



65, 10.758, 30.658



35, 4.375, 352.304



32, 58.223, 14.007



2, 9.949, 357.134

Previews

White Background



This preview shows how the CIELCh color 70, 12.668, 169.987 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 CIELCh color 70, 12.668, 169.987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

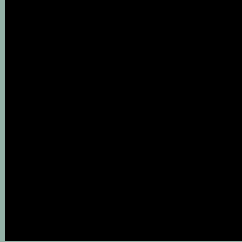
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 12.668, 169.987

Background



This preview shows how black text looks on a background with the CIELCh color 70, 12.668, 169.987.



This preview shows how white text looks on a background with the CIELCh color 70, 12.668, 169.987.

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, 12.668, 169.987

Protanopia
70, 4.926, 81.692

Deuteranopia
70, 9.107, 6.348



Tritanopia
70, 10.719, 244.851

Trichromacy



Original Color
70, 12.668, 169.987

Protanomaly
70, 5.610, 137.950

Deuteranomaly
70, 1.565, 63.353

Tritanomaly
70, 9.267, 216.020

Monochromacy



Original Color
70, 12.668, 169.987

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 4.693, 171.221

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 12.668, 169.987 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(148, 178, 167)` looks like.

```
.text, #text, p{  
    color:rgb(148, 178, 167)  
}
```

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(148, 178, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 178, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 12.668, 169.987 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(148, 178, 167) }
```

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

```
.border{ border-color:rgb(148, 178, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 178, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 178, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 178, 167);  
box-shadow:4px 4px 4px 4px rgb(148, 178,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 12.668, 169.987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 178, 167) }
```

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

```
.background{ background-color: rgb(148,  
178, 167) }
```

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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