

Converting Colors

CIELCh(70, 9.805, 161.828)

Have a look what the booklet for
CIELCh(70, 9.805, 161.828) contains.

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Color

CIELCh(70, 9.958, 161.449)

Conversions

Conversions Part 1

Format	Color
Hex	9BB0A5
RGB	155, 176, 165
RGB Percent	61%, 69%, 65%
CMY	0.3921, 0.3097, 0.3528
CMYK	0.12, 0.00, 0.06, 0.31
HSL	149°, 12%, 65%
HSV	149°, 12%, 69%
XYZ	35.8467, 40.7494, 41.5855
YIQ	168.4670, -8.9850, -7.8730

Conversions

Conversions Part 2

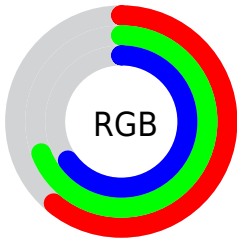
Format	Color
RYB	155, 169, 176
Decimal	10203301
CIELab	70.00, -9.44, 3.17
CIELCh	70, 9.958, 161.449
Yxy	40.7494, 0.3033, 0.3448
Android (android.graphics.Color)	4288393381 (0xFF9BB0A5)
YUV	168.4670, -1.7092, -11.8106
Hunter-Lab	63.8353, -11.4752, 6.0602

Details

The CIELCh color **70, 9.958, 161.449** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 10.097, 343.324**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 10.062, 160.557**, and **50, 9.637, 161.046** is the 20% darker color. If you saturate the color by 10%, you get **69, 18.283, 160.511**, and if you desaturate by 10%, it is **72, 1.604, 162.461**.

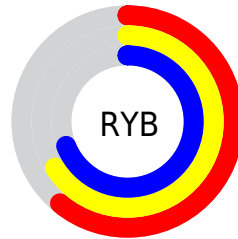
Distribution



Red (61%)

Green (69%)

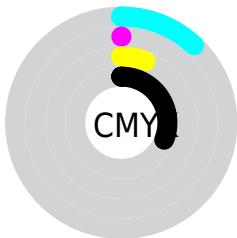
Blue (65%)



Red (61%)

Yellow (66%)

Blue (69%)

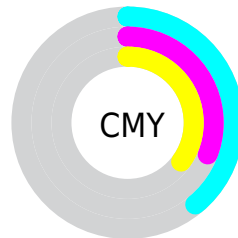


Cyan (12%)

Magenta (0%)

Yellow (6%)

Black (31%)



Cyan (39%)

Magenta (31%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 9.958, 161.449 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, 9.958, 161.449 by changing the saturation by 10% instead.

■ 70, 9.958, 161.449

■ 70, 9.958, 161.449

■ 100, 9.958,
161.449

■ 60, 9.958, 161.449

■ 90, 9.958, 161.449

■ 50, 9.958, 161.449

■ 40, 9.958, 161.449

■ 30, 9.958, 161.449

■ 20, 9.958, 161.449

■ 10, 9.958, 161.449

■ 0, 9.958, 161.449

■ 70, 9.958, 161.449

■ 70, 9.958, 161.449

■ 69, 18.283,

■ 72, 1.604, 162.461

160.511

73, 6.697, 342.930

67, 26.467,
159.475

75, 14.878,
343.643

66, 34.384,
158.310

77, 22.891,
344.280

65, 41.895,
156.991

79, 30.705,
344.866

65, 48.864,
155.494

80, 36.736,
343.210

64, 55.169,
153.801

81, 39.670,
337.523

64, 60.730,
151.899

81, 42.972,
332.734

63, 65.524,
149.801

81, 46.556,
328.724

63, 68.963,
148.064

Harmonies

Complementary

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



70, 9.958, 161.449



66, 10.097, 343.324

Rectangle

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



70, 9.958, 161.449



70, 9.958, 211.449



70, 9.958, 341.449



70, 9.958, 31.449

Sweetspot

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



70, 9.960, 161.446



90, 4.132, 162.172



71, 12.061, 127.364



48, 2.935, 162.096



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, 9.960, 161.446



88, 14.500, 161.236



70, 7.667, 195.956



37, 4.779, 161.679



55, 61.836, 148.340



7, 12.485, 157.338

Inverse Universe

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



66, 10.097, 343.324



83, 14.734, 343.531



66, 8.226, 17.437



35, 4.833, 343.093



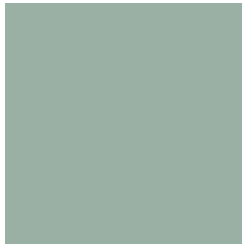
33, 58.248, 359.109



2, 10.754, 348.529

Previews

White Background



This preview shows how the CIELCh color 70, 9.958, 161.449 looks on a white background.

Color Contrast Check

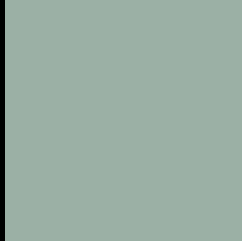
Large Text (above 18pt) WCAG AA × Fail

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, 9.958, 161.449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

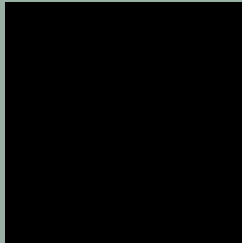
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

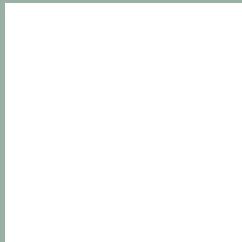
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 9.958, 161.449

Background



This preview shows how black text looks on a background with the CIELCh color 70, 9.958, 161.449.



This preview shows how white text looks on a background with the CIELCh color 70, 9.958, 161.449.

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

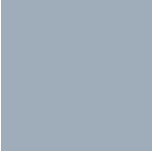
70, 9.958, 161.449

Protanopia

70, 4.926, 81.692

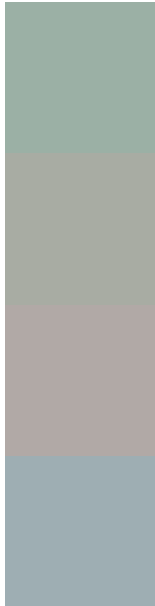
Deuteranopia

70, 9.334, 13.507



Tritanopia
70, 9.033, 257.480

Trichromacy



Original Color
70, 9.958, 161.449

Protanomaly
70, 5.157, 126.885

Deuteranomaly
70, 3.460, 47.726

Tritanomaly
70, 6.356, 224.618

Monochromacy



Original Color
70, 9.958, 161.449

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 3.742, 163.371

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 9.958, 161.449 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(155, 176, 165)` looks like.

```
.text, #text, p{  
    color:rgb(155, 176, 165)  
}
```

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(155, 176, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 176, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 9.958, 161.449 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(155, 176, 165) }
```

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

```
.border{ border-color:rgb(155, 176, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 176, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 176, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 176, 165);  
box-shadow:4px 4px 4px 4px rgb(155, 176,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 9.958, 161.449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 176, 165) }
```

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

```
.background{ background-color: rgb(155,  
176, 165) }
```

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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