

Converting Colors

CIELCh(70, 15.428, 157.688)

Have a look what the booklet for
CIELCh(70, 15.428, 157.688)
contains.

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Color

CIELCh(70, 15.309, 158.166)

Conversions

Conversions Part 1

Format	Color
Hex	93B2A0
RGB	147, 178, 160
RGB Percent	58%, 70%, 63%
CMY	0.4223, 0.3007, 0.3713
CMYK	0.17, 0.00, 0.10, 0.30
HSL	145°, 17%, 64%
HSV	145°, 17%, 70%
XYZ	34.4453, 40.7494, 39.4517
YIQ	166.6790, -12.6980, -12.1700

Conversions

Conversions Part 2

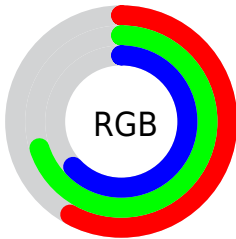
Format	Color
RYB	147, 169, 178
Decimal	9679520
CIELab	70.00, -14.21, 5.69
CIELCh	70, 15.309, 158.166
Yxy	40.7494, 0.3004, 0.3554
Android (android.graphics.Color)	4287869600 (0xFF93B2A0)
YUV	166.6790, -3.2927, -17.2585
Hunter-Lab	63.8353, -15.3938, 8.0421

Details

The CIELCh color **70, 15.309, 158.166** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 15.534, 340.892**, and the grayscale version is **69, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 15.424, 158.669**, and **50, 14.932, 159.070** is the 20% darker color. If you saturate the color by 10%, you get **69, 24.061, 157.210**, and if you desaturate by 10%, it is **71, 6.493, 159.035**.

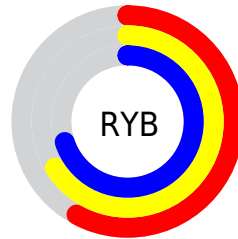
Distribution



Red (58%)

Green (70%)

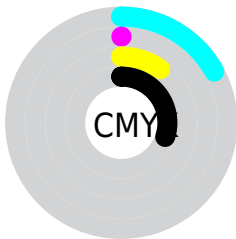
Blue (63%)



Red (58%)

Yellow (66%)

Blue (70%)

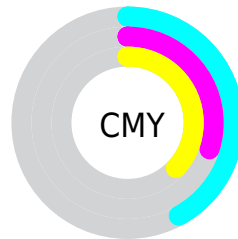


Cyan (17%)

Magenta (0%)

Yellow (10%)

Black (30%)



Cyan (42%)


Magenta (30%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 15.309, 158.166 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, 15.309, 158.166 by changing the saturation by 10% instead.


 70, 15.309,
158.166


 70, 15.309,
158.166


 100, 15.309,
158.166


 60, 15.309,
158.166


 90, 15.309,
158.166

 50, 15.309,
158.166

 40, 15.309,
158.166

 30, 15.309,
158.166

 20, 15.309,
158.166

 10, 15.309,
158.166

 0, 15.309, 158.166

70, 15.309,
158.166

70, 15.309,
158.166

69, 24.061,
157.210

71, 6.493, 159.035

67, 32.620,
156.133

73, 2.290, 339.581

66, 40.845,
154.909

75, 10.959,
340.377

66, 48.584,
153.513

77, 19.458,
341.005

65, 55.694,
151.927

79, 27.748,
341.571

64, 62.056,
150.139

81, 35.805,
342.090


64, 67.604,
148.154

81, 39.386,
336.036

64, 72.365,

82, 43.222,
330.847

146.030

 82, 47.383,
326.622

 64, 73.539,
145.503

Harmonies

Complementary

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



70, 15.309, 158.166



64, 15.534, 340.892

Rectangle

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



70, 15.309, 158.166



70, 15.309, 208.166



70, 15.309, 338.166



70, 15.309, 28.166

Sweetspot

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



70, 15.311, 158.164



91, 5.434, 159.240



71, 17.577, 125.270



49, 3.739, 159.176



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, 15.311, 158.164



88, 22.893, 157.798



70, 11.273, 191.280



37, 4.983, 158.869



55, 65.271, 145.794



7, 12.923, 155.282

Inverse Universe

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



64, 15.534, 340.892



80, 23.296, 341.239



64, 12.382, 13.975



35, 5.027, 340.213



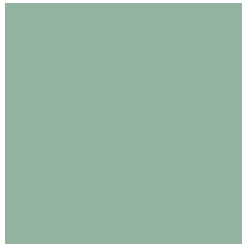
33, 59.349, 354.046



2, 11.153, 345.347

Previews

White Background



This preview shows how the CIELCh color 70, 15.309, 158.166 looks on a white background.

Color Contrast Check

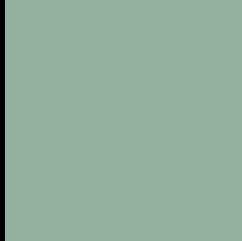
Large Text (above 18pt) WCAG AA × Fail

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, 15.309, 158.166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

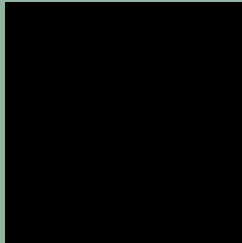
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 15.309, 158.166

Background



This preview shows how black text looks on a background with the CIELCh color 70, 15.309, 158.166.



This preview shows how white text looks on a background with the CIELCh color 70, 15.309, 158.166.

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, 15.309, 158.166

Protanopia
70, 8.103, 89.640

Deuteranopia
70, 9.813, 26.565



Tritanopia
70, 10.719, 244.851

Trichromacy



Original Color
70, 15.309, 158.166

Protanomaly
70, 8.636, 127.519

Deuteranomaly
70, 4.617, 90.240

Tritanomaly
70, 9.369, 205.437

Monochromacy



Original Color
70, 15.309, 158.166

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 5.320, 160.844

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 15.309, 158.166 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(147, 178, 160)` looks like.

```
.text, #text, p{  
    color:rgb(147, 178, 160)  
}
```

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(147, 178, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 178, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 15.309, 158.166 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(147, 178, 160) }
```

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

```
.border{ border-color:rgb(147, 178, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 178, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 178, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 178, 160);  
box-shadow:4px 4px 4px 4px rgb(147, 178,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 15.309, 158.166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 178, 160) }
```

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

```
.background{ background-color: rgb(147,  
178, 160) }
```

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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