

Converting Colors

CIELCh(70, 19.528, 149.467)

Have a look what the booklet for
CIELCh(70, 19.528, 149.467)
contains.

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Color

CIELCh(70, 19.018, 149.693)

Conversions

Conversions Part 1

Format	Color
Hex	92B399
RGB	146, 179, 153
RGB Percent	57%, 70%, 60%
CMY	0.4267, 0.2973, 0.3993
CMYK	0.18, 0.00, 0.15, 0.30
HSL	133°, 18%, 64%
HSV	133°, 18%, 70%
XYZ	33.8092, 40.7494, 36.2994
YIQ	166.1690, -11.3220, -15.0820

Conversions

Conversions Part 2

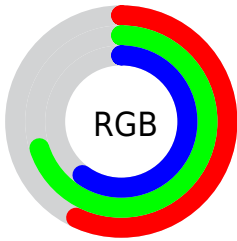
Format	Color
RYB	146, 173, 179
Decimal	9614233
CIELab	70.00, -16.42, 9.60
CIELCh	70, 19.018, 149.693
Yxy	40.7494, 0.3050, 0.3676
Android (android.graphics.Color)	4287804313 (0xFF92B399)
YUV	166.1690, -6.4923, -17.6882
Hunter-Lab	63.8353, -17.1725, 10.9699

Details

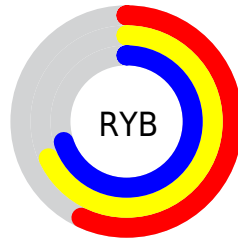
The CIELCh color **70, 19.018, 149.693** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **64, 19.099, 332.102**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 19.319, 149.530**, and **50, 18.871, 149.719** is the 20% darker color. If you saturate the color by 10%, you get **69, 29.353, 148.837**, and if you desaturate by 10%, it is **72, 8.655, 150.445**.

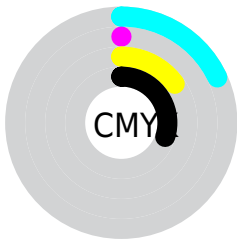
Distribution



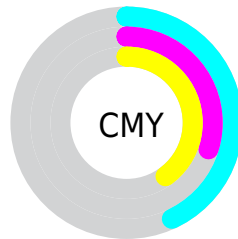
- Red (57%)
- Green (70%)
- Blue (60%)



- Red (57%)
- Yellow (68%)
- Blue (70%)



- Cyan (18%)
- Magenta (0%)
- Yellow (15%)
- Black (30%)





- Cyan (43%)
- Magenta (30%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 19.018, 149.693 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, 19.018, 149.693 by changing the saturation by 10% instead.


 70, 19.018,
149.693


 70, 19.018,
149.693


 100, 19.018,
149.693


 60, 19.018,
149.693


 90, 19.018,
149.693

 50, 19.018,
149.693

 40, 19.018,
149.693

 30, 19.018,
149.693

 20, 19.018,
149.693

 10, 19.018,
149.693

 0, 19.018, 149.693

70, 19.018,
149.693

70, 19.018,
149.693

69, 29.353,
148.837

72, 8.655, 150.445

67, 39.499,
147.849

73, 1.620, 330.871

66, 49.270,
146.712

75, 11.715,
331.577

65, 58.456,
145.413

77, 21.568,
332.073

65, 66.834,
143.955

79, 31.141,
332.503

64, 74.189,
142.362

82, 40.412,
332.883


64, 80.332,
140.693

82, 46.229,
327.175

64, 85.164,

82, 47.465,
326.066

139.082

 64, 85.831,
138.865

Harmonies

Complementary

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



70, 19.018, 149.693



64, 19.099, 332.102

Rectangle

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



70, 19.018, 149.693



70, 19.018, 199.693



70, 19.018, 329.693



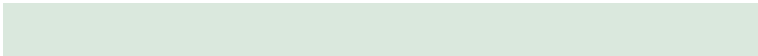
70, 19.018, 19.693

Sweetspot

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



70, 19.020, 149.693



91, 7.595, 150.614



72, 18.031, 116.752



49, 5.081, 150.567



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, 19.020, 149.693



88, 28.044, 149.369



70, 13.301, 174.265



37, 5.806, 150.380



55, 75.991, 139.086



7, 14.509, 149.298

Inverse Universe

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



64, 19.099, 332.102



79, 28.173, 332.365



64, 14.018, 357.772



35, 5.825, 331.502



34, 67.137, 338.710



2, 13.178, 334.183

Previews

White Background



This preview shows how the CIELCh color 70, 19.018, 149.693 looks on a white background.

Color Contrast Check

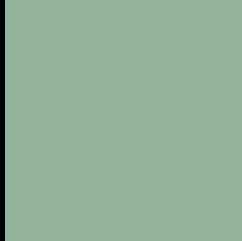
Large Text (above 18pt) WCAG AA × Fail

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, 19.018, 149.693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

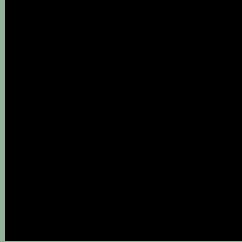
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 19.018, 149.693

Background



This preview shows how black text looks on a background with the CIELCh color 70, 19.018, 149.693.

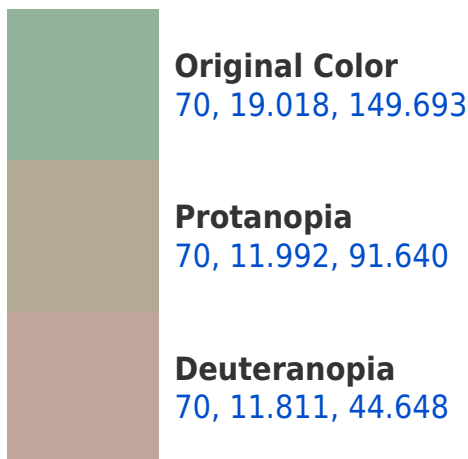


This preview shows how white text looks on a background with the CIELCh color 70, 19.018, 149.693.

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](#).

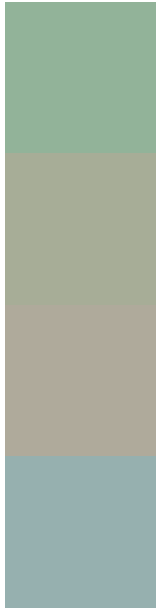
Dichromacy





Tritanopia
70, 10.719, 244.851

Trichromacy



Original Color
70, 19.018, 149.693

Protanomaly
70, 12.226, 120.026

Deuteranomaly
70, 8.407, 95.881

Tritanomaly
70, 9.433, 195.328

Monochromacy



Original Color
70, 19.018, 149.693

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 7.166, 148.997

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 19.018, 149.693 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(146, 179, 153)` looks like.

```
.text, #text, p{  
    color:rgb(146, 179, 153)  
}
```

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(146, 179, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 179, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 19.018, 149.693 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(146, 179, 153) }
```

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

```
.border{ border-color:rgb(146, 179, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 179, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 179, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 179, 153);  
box-shadow:4px 4px 4px 4px rgb(146, 179,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 19.018, 149.693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 179, 153) }
```

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

```
.background{ background-color: rgb(146,  
179, 153) }
```

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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