

Converting Colors

CIELCh(71, 16.933, 147.617)

Have a look what the booklet for
CIELCh(71, 16.933, 147.617)
contains.

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Color

CIELCh(71, 16.915, 147.623)

Conversions

Conversions Part 1

Format	Color
Hex	99B59D
RGB	153, 181, 157
RGB Percent	60%, 71%, 62%
CMY	0.4005, 0.2907, 0.3848
CMYK	0.15, 0.00, 0.13, 0.29
HSL	129°, 16%, 65%
HSV	129°, 15%, 71%
XYZ	35.6878, 42.1875, 38.1060
YIQ	169.8920, -8.9840, -13.4000

Conversions

Conversions Part 2

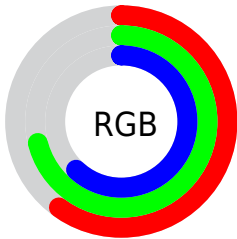
Format	Color
RYB	153, 178, 181
Decimal	10073501
CIELab	71.00, -14.29, 9.06
CIELCh	71, 16.915, 147.623
Yxy	42.1875, 0.3077, 0.3637
Android (android.graphics.Color)	4288263581 (0xFF99B59D)
YUV	169.8920, -6.3558, -14.8143
Hunter-Lab	64.9519, -15.5892, 10.6821

Details

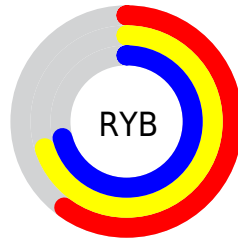
The CIELCh color $71, 16.915, 147.623$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $66, 16.957, 329.512$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 16.692, 147.686$, and $51, 16.626, 147.647$ is the 20% darker color. If you saturate the color by 10%, you get $70, 27.898, 146.829$, and if you desaturate by 10%, it is $73, 5.950, 148.329$.

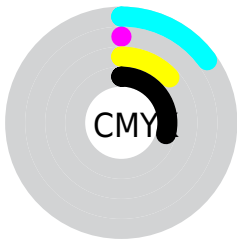
Distribution



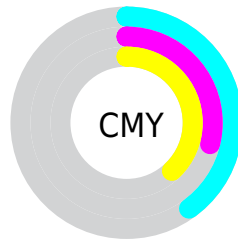
- Red (60%)
- Green (71%)
- Blue (62%)



- Red (60%)
- Yellow (70%)
- Blue (71%)



- Cyan (15%)
- Magenta (0%)
- Yellow (13%)
- Black (29%)





- Cyan (40%)
- Magenta (29%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 16.915, 147.623 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 71, 16.915, 147.623 by changing the saturation by 10% instead.


 71, 16.915,
147.623


 71, 16.915,
147.623


 100, 16.915,
147.623


 61, 16.915,
147.623


 91, 16.915,
147.623

 51, 16.915,
147.623

 41, 16.915,
147.623

 31, 16.915,
147.623

 21, 16.915,
147.623

 11, 16.915,
147.623

 1, 16.915, 147.623

0, 16.915, 147.623

71, 16.915,
147.623

71, 16.915,
147.623

70, 27.898,
146.829

73, 5.950, 148.329

68, 38.733,
145.910

74, 4.880, 328.808

67, 49.223,
144.851

76, 15.489,
329.347

66, 59.128,
143.646

79, 25.820,
329.788

65, 68.185,
142.304

81, 35.837,
330.168

65, 76.114,
140.863

82, 44.321,
328.011

83, 46.424,

■ 65, 82.639,
139.396

326.031

■ 64, 87.526,
138.019

■ 64, 89.233,
137.526

Harmonies

Complementary

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



71, 16.915, 147.623



66, 16.957, 329.512

Rectangle

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



71, 16.915, 147.623



71, 16.915, 197.623



71, 16.915, 327.623



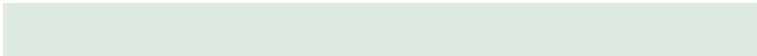
71, 16.915, 17.623

Sweetspot

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



71, 16.917, 147.623



92, 6.705, 148.357



73, 15.183, 114.237



49, 4.574, 148.308



96, 0.011, 296.813



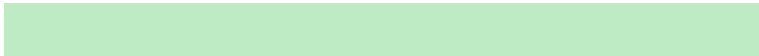
49, 0.007, 296.813

Same Dimension

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



71, 16.917, 147.623



89, 25.683, 147.331



71, 11.799, 170.123



37, 6.102, 148.063



55, 78.522, 137.709



7, 15.068, 147.590

Inverse Universe

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



66, 16.957, 329.512



82, 25.746, 329.747



66, 12.210, 352.949



35, 6.117, 329.132



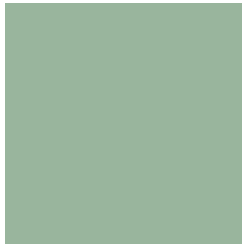
35, 70.691, 334.764



2, 14.068, 330.776

Previews

White Background



This preview shows how the CIELCh color 71, 16.915, 147.623 looks on a white background.

Color Contrast Check

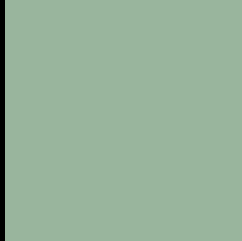
Large Text (above 18pt) WCAG AA × Fail

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 71, 16.915, 147.623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

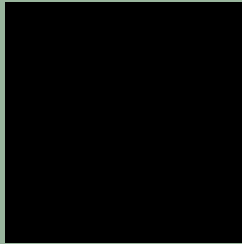
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 16.915, 147.623

Background



This preview shows how black text looks on a background with the CIELCh color 71, 16.915, 147.623.

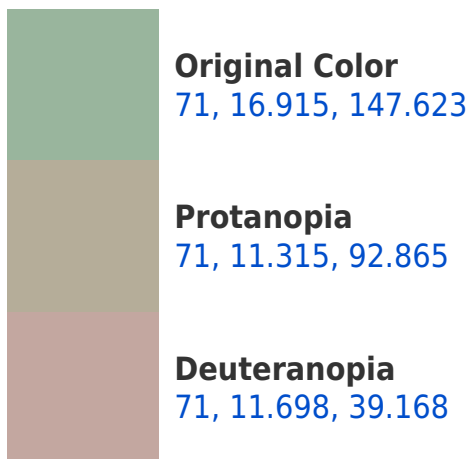


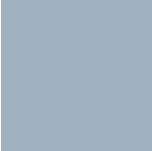
This preview shows how white text looks on a background with the CIELCh color 71, 16.915, 147.623.

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
71, 9.594, 252.165

Trichromacy



Original Color
71, 16.915, 147.623

Protanomaly
71, 12.113, 118.246

Deuteranomaly
71, 7.721, 85.636

Tritanomaly
71, 7.622, 198.842

Monochromacy



Original Color
71, 16.915, 147.623

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 6.234, 146.976

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 16.915, 147.623 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(153, 181, 157)` looks like.

```
.text, #text, p{  
    color:rgb(153, 181, 157)  
}
```

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(153, 181, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 181, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 16.915, 147.623 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(153, 181, 157) }
```

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

```
.border{ border-color:rgb(153, 181, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 181, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 181, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 181, 157);  
box-shadow:4px 4px 4px 4px rgb(153, 181,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 16.915, 147.623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 181, 157) }
```

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

```
.background{ background-color: rgb(153,  
181, 157) }
```

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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