

Converting Colors

CIELCh(73, 19.749, 131.949)

Have a look what the booklet for
CIELCh(73, 19.749, 131.949)
contains.

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Color

CIELCh(73, 19.451, 131.919)

Conversions

Conversions Part 1

Format	Color
Hex	A5B998
RGB	165, 185, 152
RGB Percent	65%, 73%, 60%
CMY	0.3515, 0.2731, 0.4026
CMYK	0.11, 0.00, 0.18, 0.27
HSL	96°, 19%, 66%
HSV	96°, 18%, 73%
XYZ	38.7111, 45.1644, 36.5325
YIQ	175.2580, -1.3270, -14.5030

Conversions

Conversions Part 2

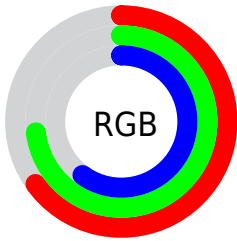
Format	Color
RYB	152, 185, 172
Decimal	10860952
CIELab	73.00, -12.99, 14.47
CIELCh	73, 19.451, 131.919
Yxy	45.1644, 0.3215, 0.3751
Android (android.graphics.Color)	4289051032 (0xFFA5B998)
YUV	175.2580, -11.4662, -8.9963
Hunter-Lab	67.2044, -14.7882, 14.8129

Details

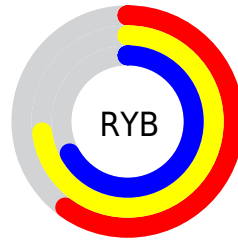
The CIELCh color **73, 19.451, 131.919** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66, 19.813, 313.435**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 19.590, 131.861**, and **53, 19.481, 131.907** is the 20% darker color. If you saturate the color by 10%, you get **72, 30.366, 131.438**, and if you desaturate by 10%, it is **74, 8.507, 132.379**.

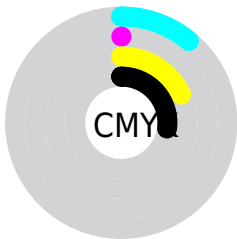
Distribution



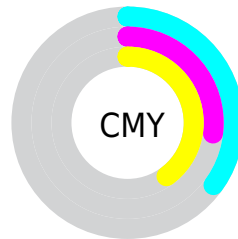
- Red (65%)
- Green (73%)
- Blue (60%)



- Red (60%)
- Yellow (73%)
- Blue (67%)



- Cyan (11%)
- Magenta (0%)
- Yellow (18%)
- Black (27%)





- Cyan (35%)
- Magenta (27%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 19.451, 131.919 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 73, 19.451, 131.919 by changing the saturation by 10% instead.


 73, 19.451,
131.919


 73, 19.451,
131.919


 100, 19.451,
131.919


 63, 19.451,
131.919


 93, 19.451,
131.919

 53, 19.451,
131.919

 43, 19.451,
131.919

 33, 19.451,
131.919

 23, 19.451,
131.919

 13, 19.451,
131.919

 3, 19.451, 131.919

0, 19.451, 131.919

73, 19.451,
131.919

73, 19.451,
131.919

72, 30.366,
131.438

74, 8.507, 132.379

71, 41.127,
130.941

76, 2.386, 312.711

70, 51.567,
130.460

77, 13.165,
313.129

69, 61.446,
130.045

79, 23.790,
313.461

68, 70.432,
129.778

80, 34.230,
313.752

68, 78.096,
129.770

81, 40.363,
316.296

83, 41.882,

■ 67, 83.981,
130.149

321.310

■ 67, 87.910,
130.952

■ 84, 43.643,
325.936

■ 67, 88.661,
131.124

Harmonies

Complementary

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



73, 19.451, 131.919



66, 19.813, 313.435

Rectangle

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



73, 19.451, 131.919



73, 19.451, 181.919



73, 19.451, 311.919



73, 19.451, 1.919

Sweetspot

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



73, 19.453, 131.921



94, 6.701, 132.504



71, 11.983, 83.136



50, 4.571, 132.472



97, 0.011, 296.813



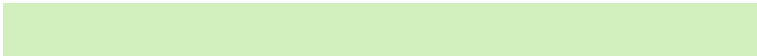
50, 0.007, 296.813

Same Dimension

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



73, 19.453, 131.921



91, 28.271, 131.753



72, 20.488, 146.130



38, 6.127, 132.310



57, 77.709, 130.920



8, 17.307, 136.083

Inverse Universe

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



66, 19.813, 313.435



81, 28.897, 313.595



67, 20.523, 328.283



36, 6.191, 313.058



26, 84.241, 314.719



2, 16.280, 308.646

Previews

White Background



This preview shows how the CIELCh color 73, 19.451, 131.919 looks on a white background.

Color Contrast Check

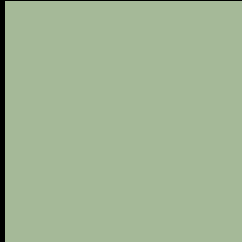
Large Text (above 18pt) WCAG AA × Fail

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 73, 19.451, 131.919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

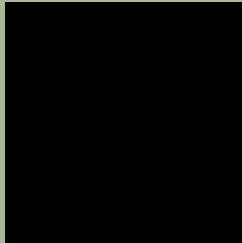
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 19.451, 131.919

Background



This preview shows how black text looks on a background with the CIELCh color 73, 19.451, 131.919.



This preview shows how white text looks on a background with the CIELCh color 73, 19.451, 131.919.

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
73, 19.451, 131.919

Protanopia
73, 16.274, 92.934

Deuteranopia
73, 16.211, 54.588



Tritanopia
73, 8.061, 270.169

Trichromacy



Original Color
73, 19.451, 131.919

Protanomaly
73, 16.711, 109.898

Deuteranomaly
73, 13.634, 84.871

Tritanomaly
73, 4.738, 179.022

Monochromacy



Original Color
73, 19.451, 131.919

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 7.052, 131.668

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 19.451, 131.919 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(165, 185, 152)` looks like.

```
.text, #text, p{  
    color:rgb(165, 185, 152)  
}
```

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(165, 185, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 185, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 19.451, 131.919 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(165, 185, 152) }
```

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

```
.border{ border-color:rgb(165, 185, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 185, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 185, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 185, 152);  
box-shadow:4px 4px 4px 4px rgb(165, 185,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 19.451, 131.919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 185, 152) }
```

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

```
.background{ background-color: rgb(165,  
185, 152) }
```

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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