

Converting Colors

CIELCh(71, 13.603, 184.402)

Have a look what the booklet for
CIELCh(71, 13.603, 184.402)
contains.

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Color

CIELCh(71, 13.403, 184.136)

Conversions

Conversions Part 1

Format	Color
Hex	91B5AF
RGB	145, 181, 175
RGB Percent	57%, 71%, 69%
CMY	0.4312, 0.2900, 0.3135
CMYK	0.20, 0.00, 0.03, 0.29
HSL	170°, 20%, 64%
HSV	170°, 20%, 71%
XYZ	35.9607, 42.1875, 46.8288
YIQ	169.5520, -19.5300, -9.4980

Conversions

Conversions Part 2

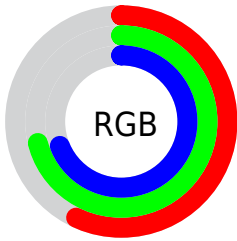
Format	Color
RYB	145, 165, 181
Decimal	9549231
CIELab	71.00, -13.37, -0.97
CIELCh	71, 13.403, 184.136
Yxy	42.1875, 0.2877, 0.3376
Android (android.graphics.Color)	4287739311 (0xFF91B5AF)
YUV	169.5520, 2.6859, -21.5321
Hunter-Lab	64.9519, -14.8390, 2.7196

Details

The CIELCh color **71, 13.403, 184.136** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 14.629, 7.753**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 13.655, 183.070**, and **51, 13.184, 185.203** is the 20% darker color. If you saturate the color by 10%, you get **70, 19.681, 183.196**, and if you desaturate by 10%, it is **72, 6.781, 185.049**.

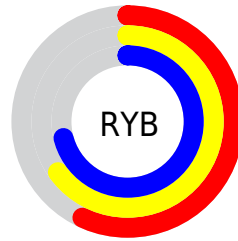
Distribution



Red (57%)

Green (71%)

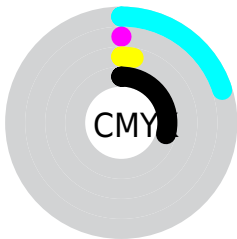
Blue (69%)



Red (57%)

Yellow (65%)

Blue (71%)

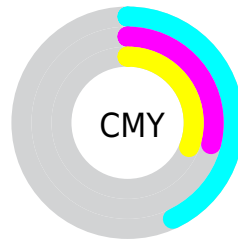


Cyan (20%)

Magenta (0%)

Yellow (3%)

Black (29%)



Cyan (43%)


Magenta (29%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 13.403, 184.136 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, 13.403, 184.136 by changing the saturation by 10% instead.


 71, 13.403,
184.136


 71, 13.403,
184.136


 100, 13.403,
184.136


 61, 13.403,
184.136


 91, 13.403,
184.136

 51, 13.403,
184.136

 41, 13.403,
184.136

 31, 13.403,
184.136

 21, 13.403,
184.136

 11, 13.403,
184.136

 1, 13.403, 184.136

0, 13.403, 184.136

71, 13.403,
184.136

71, 13.403,
184.136

70, 19.681,
183.196

72, 6.781, 185.049

69, 25.500,
182.217

74, 0.083, 0.004

75, 7.097, 6.582

68, 30.748,
181.175

77, 14.186, 7.414

67, 35.320,
180.053

79, 21.290, 8.200

81, 28.362, 8.959

67, 39.139,
178.831

81, 29.081, 6.149

66, 42.164,
177.485

81, 29.388, 3.116

■ 66, 44.413,
175.997

■ 81, 29.781, 0.158

■ 66, 46.065,
174.397

■ 66, 46.083,
174.379

Harmonies

Complementary

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



71, 13.403, 184.136



64, 14.629, 7.753

Rectangle

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



71, 13.403, 184.136



71, 13.403, 234.136



71, 13.403, 4.136



71, 13.403, 54.136

Sweetspot

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



71, 13.404, 184.131



92, 5.107, 185.418



71, 22.679, 138.323



49, 3.382, 185.353



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, 13.404, 184.131



89, 19.775, 183.713



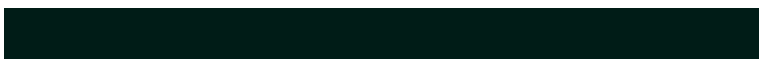
68, 10.558, 235.501



38, 3.934, 185.100



57, 41.098, 174.592



8, 11.345, 179.798

Inverse Universe

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



64, 14.629, 7.753



78, 22.052, 8.310



66, 11.772, 52.218



36, 4.095, 6.593



32, 65.198, 31.083



2, 10.829, 9.375

Previews

White Background



This preview shows how the CIELCh color 71, 13.403, 184.136 looks on a white background.

Color Contrast Check

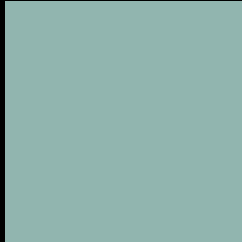
Large Text (above 18pt) WCAG AA × Fail

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 71, 13.403, 184.136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

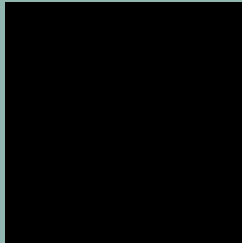
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

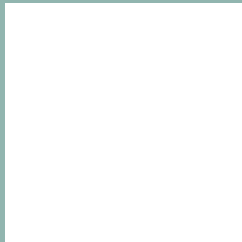
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 13.403, 184.136

Background



This preview shows how black text looks on a background with the CIELCh color 71, 13.403, 184.136.

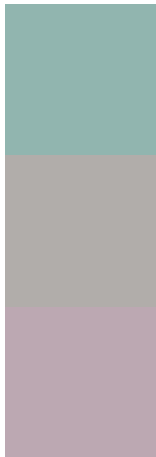


This preview shows how white text looks on a background with the CIELCh color 71, 13.403, 184.136.

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
71, 13.403, 184.136

Protanopia
71, 2.214, 66.714

Deuteranopia
71, 9.335, 344.496



Tritanopia
71, 12.969, 238.153

Trichromacy



Original Color
71, 13.403, 184.136

Protanomaly
71, 4.668, 171.239

Deuteranomaly
71, 2.217, 280.783

Tritanomaly
71, 11.726, 217.721

Monochromacy



Original Color
71, 13.403, 184.136

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 4.954, 186.306

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 13.403, 184.136 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(145, 181, 175)` looks like.

```
.text, #text, p{  
    color:rgb(145, 181, 175)  
}
```

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(145, 181, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 181, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 13.403, 184.136 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(145, 181, 175) }
```

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

```
.border{ border-color:rgb(145, 181, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 181, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 181, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 181, 175);  
box-shadow:4px 4px 4px 4px rgb(145, 181,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 13.403, 184.136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 181, 175) }
```

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

```
.background{ background-color: rgb(145,  
181, 175) }
```

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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