

Converting Colors

CIELCh(71, 10.050, 184.387)

Have a look what the booklet for
CIELCh(71, 10.050, 184.387)
contains.

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Color

CIELCh(71, 9.745, 185.657)

Conversions

Conversions Part 1

Format	Color
Hex	99B3AF
RGB	153, 179, 175
RGB Percent	60%, 70%, 69%
CMY	0.3994, 0.2974, 0.3131
CMYK	0.15, 0.00, 0.02, 0.30
HSL	171°, 15%, 65%
HSV	171°, 15%, 70%
XYZ	37.0669, 42.1875, 46.8232
YIQ	170.7700, -14.2120, -6.7560

Conversions

Conversions Part 2

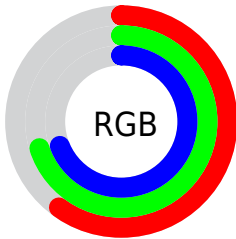
Format	Color
RYB	153, 167, 179
Decimal	10073007
CIELab	71.00, -9.70, -0.96
CIELCh	71, 9.745, 185.657
Yxy	42.1875, 0.2940, 0.3346
Android (android.graphics.Color)	4288263087 (0xFF99B3AF)
YUV	170.7700, 2.0854, -15.5843
Hunter-Lab	64.9519, -11.7991, 2.7248

Details

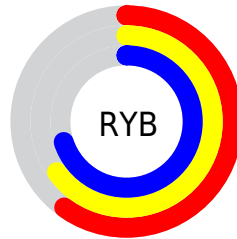
The CIELCh color **71, 9.745, 185.657** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 10.400, 8.130**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 9.794, 183.427**, and **51, 9.406, 187.677** is the 20% darker color. If you saturate the color by 10%, you get **70, 16.119, 184.750**, and if you desaturate by 10%, it is **72, 3.078, 186.605**.

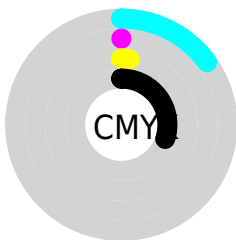
Distribution



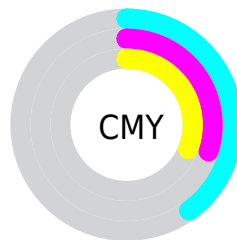
- Red (60%)
- Green (70%)
- Blue (69%)



- Red (60%)
- Yellow (65%)
- Blue (70%)



- Cyan (15%)
- Magenta (0%)
- Yellow (2%)
- Black (30%)



- Cyan (40%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 9.745, 185.657 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, 9.745, 185.657 by changing the saturation by 10% instead.

71, 9.745, 185.657

71, 9.745, 185.657

100, 9.745,
185.657

61, 9.745, 185.657

91, 9.745, 185.657

51, 9.745, 185.657

41, 9.745, 185.657

31, 9.745, 185.657

21, 9.745, 185.657

11, 9.745, 185.657

1, 9.745, 185.657

0, 9.745, 185.657

71, 9.745, 185.657

71, 9.745, 185.657

70, 16.119,
184.750

72, 3.078, 186.605

69, 22.089,
183.823

74, 3.788, 7.144

68, 27.543,
182.849

75, 10.770, 8.025

67, 32.374,
181.812

77, 17.802, 8.821

66, 36.489,
180.695

79, 24.829, 9.587

66, 39.828,
179.475

80, 29.664, 9.224

66, 42.378,
178.132

80, 29.855, 6.469

65, 44.184,
176.650

81, 30.120, 3.759

65, 45.000,

81, 30.456, 1.106

175.815

Harmonies

Complementary

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



71, 9.745, 185.657



66, 10.400, 8.130

Rectangle

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



71, 9.745, 185.657



71, 9.745, 235.657



71, 9.745, 5.657



71, 9.745, 55.657

Sweetspot

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



71, 9.746, 185.650



91, 3.367, 186.660



71, 16.471, 139.100



49, 2.410, 186.571



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, 9.746, 185.650



89, 14.012, 185.402



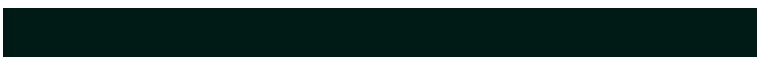
69, 7.747, 237.103



37, 3.824, 186.121



56, 39.964, 176.029



7, 9.658, 181.597

Inverse Universe

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



66, 10.400, 8.130



81, 15.149, 8.436



68, 8.341, 54.528



35, 3.986, 7.582



31, 64.906, 31.878



2, 9.313, 9.618

Previews

White Background



This preview shows how the CIELCh color 71, 9.745, 185.657 looks on a white background.

Color Contrast Check

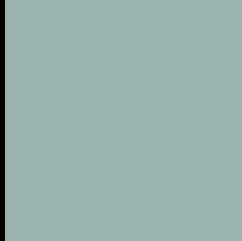
Large Text (above 18pt) WCAG AA × Fail

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, 9.745, 185.657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

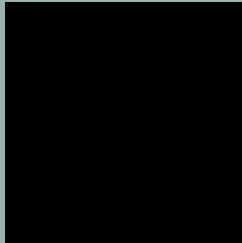
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

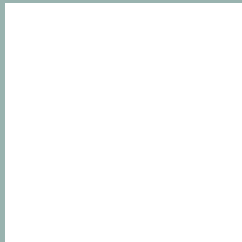
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 9.745, 185.657

Background



This preview shows how black text looks on a background with the CIELCh color 71, 9.745, 185.657.

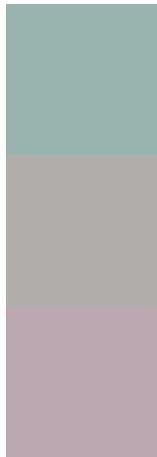


This preview shows how white text looks on a background with the CIELCh color 71, 9.745, 185.657.

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

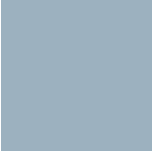
71, 9.745, 185.657

Protanopia

71, 1.852, 55.193

Deuteranopia

71, 9.035, 347.319



Tritanopia
71, 10.460, 246.147

Trichromacy



Original Color
71, 9.745, 185.657

Protanomaly
71, 2.841, 176.753

Deuteranomaly
71, 2.476, 317.318

Tritanomaly
71, 8.934, 224.267

Monochromacy



Original Color
71, 9.745, 185.657

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 3.394, 189.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 9.745, 185.657 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, 179, 175)` looks like.

```
.text, #text, p{  
    color:rgb(153, 179, 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(153, 179, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 179, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 9.745, 185.657 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, 179, 175) }
```

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

```
.border{ border-color:rgb(153, 179, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 179, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 179, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 179, 175);  
box-shadow:4px 4px 4px 4px rgb(153, 179,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 9.745, 185.657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 179, 175) }
```

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

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