

Converting Colors

CIELCh(71, 19.936, 156.861)

Have a look what the booklet for
CIELCh(71, 19.936, 156.861)
contains.

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Color

CIELCh(71, 19.936, 156.861)

Conversions

Conversions Part 1

Format	Color
Hex	8FB79F
RGB	143, 183, 159
RGB Percent	56%, 72%, 62%
CMY	0.4394, 0.2825, 0.3766
CMYK	0.22, 0.00, 0.13, 0.28
HSL	144°, 22%, 64%
HSV	144°, 22%, 72%
XYZ	34.5001, 42.1875, 39.1072
YIQ	168.3040, -16.1360, -15.9440

Conversions

Conversions Part 2

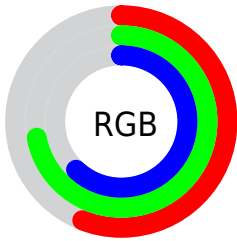
Format	Color
RYB	143, 172, 183
Decimal	9418655
CIELab	71.00, -18.33, 7.83
CIElCh	71, 19.936, 156.861
Yxy	42.1875, 0.2979, 0.3643
Android (android.graphics.Color)	4287608735 (0xFF8FB79F)
YUV	168.3040, -4.5869, -22.1916
Hunter-Lab	64.9519, -18.8532, 9.7682

Details

The CIELCh color **71, 19.936, 156.861** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64, 20.260, 340.335**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 19.845, 157.444**, and **51, 19.796, 157.183** is the 20% darker color. If you saturate the color by 10%, you get **70, 28.946, 155.862**, and if you desaturate by 10%, it is **72, 10.812, 157.750**.

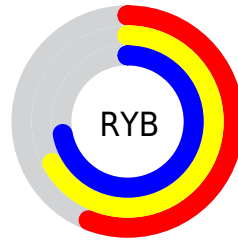
Distribution



Red (56%)

Green (72%)

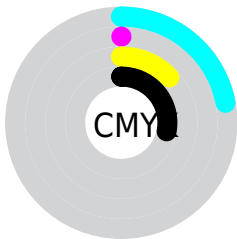
Blue (62%)



Red (56%)

Yellow (67%)

Blue (72%)

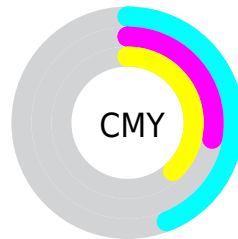


Cyan (22%)

Magenta (0%)

Yellow (13%)

Black (28%)



Cyan (44%)


Magenta (28%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 19.936, 156.861 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, 19.936, 156.861 by changing the saturation by 10% instead.


 71, 19.936,
156.861


 71, 19.936,
156.861


 100, 19.936,
156.861


 61, 19.936,
156.861


 91, 19.936,
156.861

 51, 19.936,
156.861

 41, 19.936,
156.861

 31, 19.936,
156.861

 21, 19.936,
156.861

 11, 19.936,
156.861

 1, 19.936, 156.861

■ 0, 19.936, 156.861

■ 71, 19.936,
156.861

■ 71, 19.936,
156.861

■ 70, 28.946,
155.862

■ 72, 10.812,
157.750

■ 69, 37.699,
154.729

■ 74, 1.686, 158.701

■ 68, 46.041,
153.435

■ 76, 7.350, 339.144

■ 67, 53.813,
151.960

■ 78, 16.226,
339.797

■ 66, 60.872,
150.288

■ 80, 24.896,
340.374

■ 66, 67.114,
148.416

■ 82, 33.330,
340.898

■ 82, 37.608,

■ 65, 72.490,
146.365

334.935

■ 65, 76.331,
144.671

■ 83, 41.778,
329.381

■ 83, 45.134,
325.987

Harmonies

Complementary

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



71, 19.936, 156.861



64, 20.260, 340.335

Rectangle

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



71, 19.936, 156.861



71, 19.936, 206.861



71, 19.936, 336.861



71, 19.936, 26.861

Sweetspot

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



71, 19.938, 156.860



92, 7.863, 158.152



72, 22.392, 123.786



49, 5.152, 158.101



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



71, 19.938, 156.860



89, 29.241, 156.419



71, 14.477, 188.089



38, 5.174, 157.963



56, 67.265, 144.970



8, 15.354, 154.028

Inverse Universe

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



64, 20.260, 340.335



78, 29.799, 340.740



63, 16.175, 11.863



36, 5.216, 339.290



34, 60.555, 352.446



3, 13.012, 345.013

Previews

White Background



This preview shows how the CIELCh color 71, 19.936, 156.861 looks on a white background.

Color Contrast Check

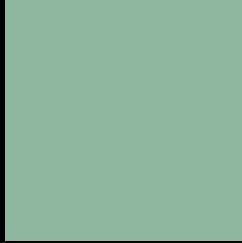
Large Text (above 18pt) WCAG AA × Fail

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, 19.936, 156.861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

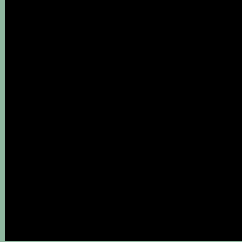
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 19.936, 156.861

Background



This preview shows how black text looks on a background with the CIELCh color 71, 19.936, 156.861.

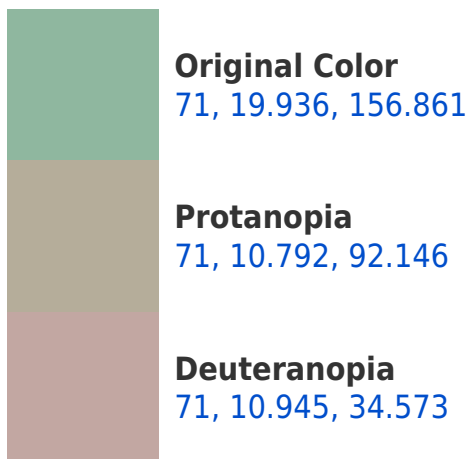


This preview shows how white text looks on a background with the CIELCh color 71, 19.936, 156.861.

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, 12.413, 236.997

Trichromacy



Original Color
71, 19.936, 156.861

Protanomaly
71, 12.072, 127.709

Deuteranomaly
71, 6.570, 102.764

Tritanomaly
71, 11.731, 198.491

Monochromacy



Original Color
71, 19.936, 156.861

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 6.891, 159.420

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 19.936, 156.861 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(143, 183, 159)` looks like.

```
.text, #text, p{  
    color:rgb(143, 183, 159)  
}
```

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(143, 183, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 183, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 19.936, 156.861 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(143, 183, 159) }
```

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

```
.border{ border-color:rgb(143, 183, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 183, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 183, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 183, 159);  
box-shadow:4px 4px 4px 4px rgb(143, 183,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 19.936, 156.861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 183, 159) }
```

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

```
.background{ background-color: rgb(143,  
183, 159) }
```

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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