

Converting Colors

CIELCh(73, 14.962, 157.801)

Have a look what the booklet for
CIELCh(73, 14.962, 157.801)
contains.

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Color

CIELCh(73, 14.910, 157.380)

Conversions

Conversions Part 1

Format	Color
Hex	9CBAA8
RGB	156, 186, 168
RGB Percent	61%, 73%, 66%
CMY	0.3872, 0.2695, 0.3401
CMYK	0.16, 0.00, 0.10, 0.27
HSL	144°, 18%, 67%
HSV	144°, 16%, 73%
XYZ	38.4709, 45.1644, 43.8664
YIQ	174.9780, -12.1020, -11.9580

Conversions

Conversions Part 2

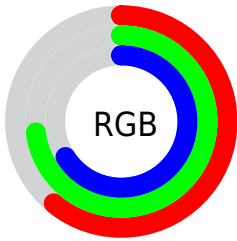
Format	Color
RYB	156, 177, 186
Decimal	10271400
CIELab	73.00, -13.76, 5.73
CIELCh	73, 14.910, 157.380
Yxy	45.1644, 0.3017, 0.3542
Android (android.graphics.Color)	4288461480 (0xFF9CBAA8)
YUV	174.9780, -3.4402, -16.6437
Hunter-Lab	67.2044, -15.4263, 8.3427

Details

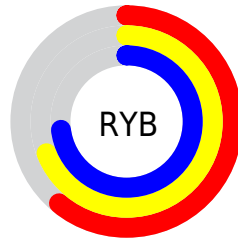
The CIELCh color **73, 14.910, 157.380** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 15.096, 339.845**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 14.800, 157.064**, and **53, 15.166, 157.551** is the 20% darker color. If you saturate the color by 10%, you get **72, 24.137, 156.445**, and if you desaturate by 10%, it is **75, 5.638, 158.235**.

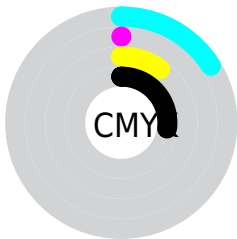
Distribution



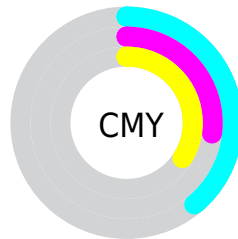
- Red (61%)
- Green (73%)
- Blue (66%)



- Red (61%)
- Yellow (69%)
- Blue (73%)



- Cyan (16%)
- Magenta (0%)
- Yellow (10%)
- Black (27%)





- Cyan (39%)
- Magenta (27%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 14.910, 157.380 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, 14.910, 157.380 by changing the saturation by 10% instead.


 73, 14.910,
157.380


 73, 14.910,
157.380


 100, 14.910,
157.380


 63, 14.910,
157.380


 93, 14.910,
157.380

 53, 14.910,
157.380

 43, 14.910,
157.380

 33, 14.910,
157.380

 23, 14.910,
157.380

 13, 14.910,
157.380

 3, 14.910, 157.380

0, 14.910, 157.380

73, 14.910,
157.380

73, 14.910,
157.380

72, 24.137,
156.445

75, 5.638, 158.235

70, 33.186,
155.391

76, 3.580, 338.804

69, 41.909,
154.190

78, 12.663,
339.530

68, 50.144,
152.819

80, 21.554,
340.135

68, 57.734,
151.258

82, 30.216,
340.681

67, 64.548,
149.496

83, 35.398,
335.649

84, 39.611,

■ 67, 70.501,
147.539

329.609

■ 66, 75.584,
145.429

■ 84, 43.075,
325.917

■ 66, 77.412,
144.638

Harmonies

Complementary

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



73, 14.910, 157.380



68, 15.096, 339.845

Rectangle

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



73, 14.910, 157.380



73, 14.910, 207.380



73, 14.910, 337.380



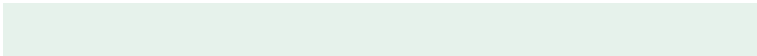
73, 14.910, 27.380

Sweetspot

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



73, 14.912, 157.378



95, 5.707, 158.327



74, 16.759, 124.086



51, 3.927, 158.264



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



73, 14.912, 157.378



92, 21.772, 157.091



73, 10.971, 188.566



39, 5.292, 157.958



57, 68.124, 144.935



9, 17.704, 153.462

Inverse Universe

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



68, 15.096, 339.845



84, 22.087, 340.115



67, 11.886, 11.217



37, 5.335, 339.290



34, 61.269, 352.487



3, 14.866, 345.670

Previews

White Background



This preview shows how the CIELCh color 73, 14.910, 157.380 looks on a white background.

Color Contrast Check

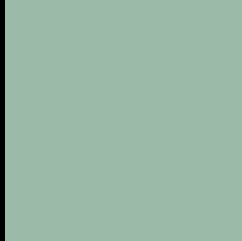
Large Text (above 18pt) WCAG AA × Fail

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 73, 14.910, 157.380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

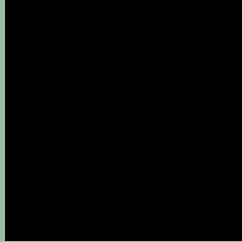
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

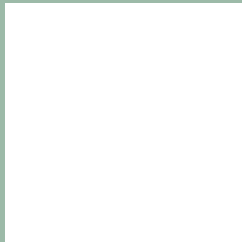
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 14.910, 157.380

Background



This preview shows how black text looks on a background with the CIELCh color 73, 14.910, 157.380.



This preview shows how white text looks on a background with the CIELCh color 73, 14.910, 157.380.

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](#).

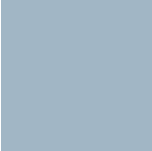
Dichromacy



Original Color
73, 14.910, 157.380

Protanopia
73, 8.033, 89.699

Deuteranopia
73, 10.109, 26.321



Tritanopia
73, 10.795, 248.228

Trichromacy



Original Color
73, 14.910, 157.380

Protanomaly
73, 8.446, 125.110

Deuteranomaly
73, 4.716, 85.866

Tritanomaly
73, 9.016, 209.212

Monochromacy



Original Color
73, 14.910, 157.380

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 5.274, 160.868

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 14.910, 157.380 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(156, 186, 168)` looks like.

```
.text, #text, p{  
    color:rgb(156, 186, 168)  
}
```

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(156, 186, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 186, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 14.910, 157.380 is called "border". The border property can be set on classes, ids or directly on the HTML element.

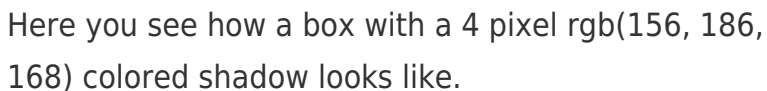
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 186, 168) }
```

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

```
.border{ border-color:rgb(156, 186, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 186, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 186, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 186, 168); box-shadow:4px 4px 4px 4px rgb(156, 186, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 14.910, 157.380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 186, 168) }
```

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

```
.background{ background-color: rgb(156,  
186, 168) }
```

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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