

Converting Colors

CIELCh(73, 10.965, 157.757)

Have a look what the booklet for
CIELCh(73, 10.965, 157.757)
contains.

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Color

CIELCh(73, 10.874, 158.163)

Conversions

Conversions Part 1

Format	Color
Hex	A2B8AB
RGB	162, 184, 171
RGB Percent	64%, 72%, 67%
CMY	0.3629, 0.2766, 0.3276
CMYK	0.12, 0.00, 0.07, 0.28
HSL	145°, 13%, 68%
HSV	145°, 12%, 72%
XYZ	39.6273, 45.1644, 45.3892
YIQ	175.9400, -8.9390, -8.7070

Conversions

Conversions Part 2

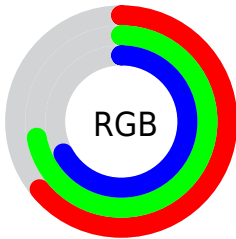
Format	Color
RYB	162, 178, 184
Decimal	10664107
CIELab	73.00, -10.09, 4.04
CIELCh	73, 10.874, 158.163
Yxy	45.1644, 0.3044, 0.3469
Android (android.graphics.Color)	4288854187 (0xFFA2B8AB)
YUV	175.9400, -2.4354, -12.2254
Hunter-Lab	67.2044, -12.3548, 6.9993

Details

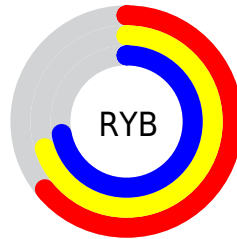
The CIELCh color $73, 10.874, 158.163$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $69, 10.985, 339.934$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 10.952, 157.531$, and $53, 10.893, 158.762$ is the 20% darker color. If you saturate the color by 10%, you get $72, 19.997, 157.264$, and if you desaturate by 10%, it is $75, 1.750, 159.114$.

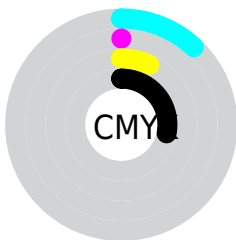
Distribution



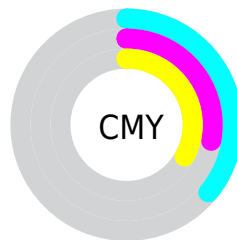
- Red (64%)
- Green (72%)
- Blue (67%)



- Red (64%)
- Yellow (70%)
- Blue (72%)



- Cyan (12%)
- Magenta (0%)
- Yellow (7%)
- Black (28%)





- Cyan (36%)
- Magenta (28%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 10.874, 158.163 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, 10.874, 158.163 by changing the saturation by 10% instead.


 73, 10.874,
158.163


 73, 10.874,
158.163


 100, 10.874,
158.163


 63, 10.874,
158.163


 93, 10.874,
158.163

 53, 10.874,
158.163

 43, 10.874,
158.163

 33, 10.874,
158.163

 23, 10.874,
158.163

 13, 10.874,
158.163

 3, 10.874, 158.163

0, 10.874, 158.163

73, 10.874,
158.163

73, 10.874,
158.163

72, 19.997,
157.264

75, 1.750, 159.114

70, 28.996,
156.259

76, 7.289, 339.567

69, 37.735,
155.119

78, 16.173,
340.228

68, 46.057,
153.819

80, 24.852,
340.813

67, 53.806,
152.338

82, 33.296,
341.345

67, 60.840,
150.658

83, 37.063,
334.506

83, 41.237,

■ 66, 67.056,
148.776

328.970

■ 66, 72.412,
146.713

■ 83, 44.195,
325.955

■ 66, 76.213,
145.020

Harmonies

Complementary

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



73, 10.874, 158.163



69, 10.985, 339.934

Rectangle

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



73, 10.874, 158.163



73, 10.874, 208.163



73, 10.874, 338.163



73, 10.874, 28.163

Sweetspot

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



73, 10.876, 158.161



94, 4.493, 158.848



74, 12.357, 124.925



50, 3.193, 158.776



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, 10.876, 158.161



92, 15.793, 157.962



73, 8.088, 190.300



38, 5.139, 158.382



56, 66.730, 145.335



8, 15.274, 154.314

Inverse Universe

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



69, 10.985, 339.934



86, 15.976, 340.125



69, 8.597, 12.102



36, 5.183, 339.719



34, 60.316, 353.212



3, 12.929, 345.534

Previews

White Background



This preview shows how the CIELCh color 73, 10.874, 158.163 looks on a white background.

Color Contrast Check

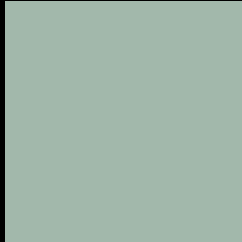
Large Text (above 18pt) WCAG AA × Fail

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, 10.874, 158.163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

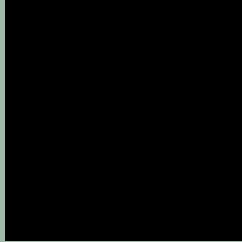
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

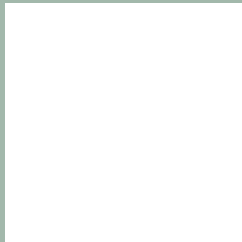
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 10.874, 158.163

Background



This preview shows how black text looks on a background with the CIELCh color 73, 10.874, 158.163.

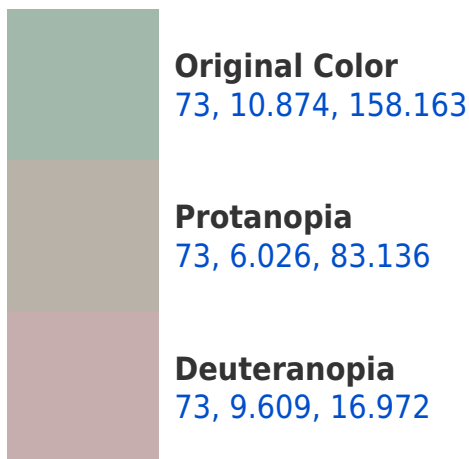


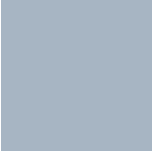
This preview shows how white text looks on a background with the CIELCh color 73, 10.874, 158.163.

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](#).

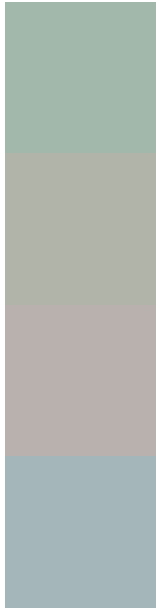
Dichromacy





Tritanopia
73, 8.966, 257.395

Trichromacy



Original Color
73, 10.874, 158.163

Protanomaly
73, 6.067, 120.421

Deuteranomaly
73, 3.718, 55.067

Tritanomaly
73, 6.453, 218.739

Monochromacy



Original Color
73, 10.874, 158.163

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 4.061, 157.246

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 10.874, 158.163 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(162, 184, 171)` looks like.

```
.text, #text, p{  
    color:rgb(162, 184, 171)  
}
```

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(162, 184, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 184, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 10.874, 158.163 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(162, 184, 171) }
```

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

```
.border{ border-color:rgb(162, 184, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 184, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 184, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 184, 171);  
box-shadow:4px 4px 4px 4px rgb(162, 184,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 10.874, 158.163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 184, 171) }
```

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

```
.background{ background-color: rgb(162,  
184, 171) }
```

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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