

Converting Colors

CIELCh(74, 12.671, 158.655)

Have a look what the booklet for
CIELCh(74, 12.671, 158.655)
contains.

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Color

CIELCh(74, 12.671, 158.655)

Conversions

Conversions Part 1

Format	Color
Hex	A2BCAD
RGB	162, 188, 173
RGB Percent	64%, 74%, 68%
CMY	0.3644, 0.2625, 0.3213
CMYK	0.14, 0.00, 0.08, 0.26
HSL	145°, 16%, 69%
HSV	145°, 14%, 74%
XYZ	40.4613, 46.7039, 46.4518
YIQ	178.5160, -10.6810, -10.1770

Conversions

Conversions Part 2

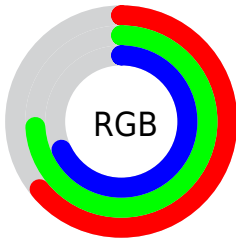
Format	Color
RYB	162, 180, 188
Decimal	10665133
CIELab	74.00, -11.80, 4.61
CIELCh	74, 12.671, 158.655
Yxy	46.7039, 0.3028, 0.3495
Android (android.graphics.Color)	4288855213 (0xFFA2BCAD)
YUV	178.5160, -2.7194, -14.4845
Hunter-Lab	68.3403, -13.9135, 7.5380

Details

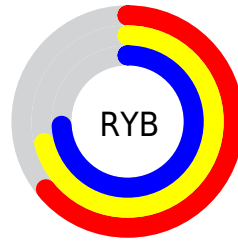
The CIELCh color $74, 12.671, 158.655$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $69, 12.827, 340.778$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 12.671, 158.144$, and $54, 12.786, 159.086$ is the 20% darker color. If you saturate the color by 10%, you get $73, 21.821, 157.728$, and if you desaturate by 10%, it is $76, 3.493, 159.540$.

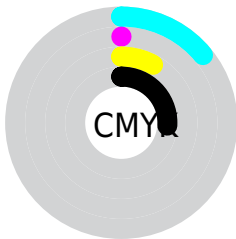
Distribution



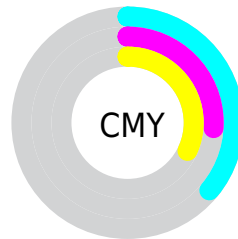
- Red (64%)
- Green (74%)
- Blue (68%)



- Red (64%)
- Yellow (71%)
- Blue (74%)



- Cyan (14%)
- Magenta (0%)
- Yellow (8%)
- Black (26%)




- Cyan (36%)
- Magenta (26%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 12.671, 158.655 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 74, 12.671, 158.655 by changing the saturation by 10% instead.


 74, 12.671,
158.655

 74, 12.671,
158.655


 100, 12.671,
158.655


 64, 12.671,
158.655


 94, 12.671,
158.655

 54, 12.671,
158.655

 44, 12.671,
158.655

 34, 12.671,
158.655

 24, 12.671,
158.655

 14, 12.671,
158.655

 4, 12.671, 158.655

■ 0, 12.671, 158.655

■ 74, 12.671,
158.655

■ 74, 12.671,
158.655

■ 73, 21.821,
157.728

■ 76, 3.493, 159.540

■ 71, 30.816,
156.691

■ 77, 5.620, 340.100

■ 70, 39.512,
155.513

■ 79, 14.593,
340.797

■ 69, 47.753,
154.172

■ 81, 23.371,
341.405

■ 68, 55.384,
152.644

■ 83, 31.623,
341.445

■ 68, 62.269,
150.914

■ 84, 35.313,
334.178

■ 84, 39.499,

■ 67, 68.321,
148.982

328.473

■ 67, 73.513,
146.871

■ 84, 41.958,
325.879

■ 67, 76.398,
145.567

Harmonies

Complementary

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



74, 12.671, 158.655



69, 12.827, 340.778

Rectangle

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



74, 12.671, 158.655



74, 12.671, 208.655



74, 12.671, 338.655



74, 12.671, 28.655

Sweetspot

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



74, 12.673, 158.653



96, 4.524, 159.515



75, 14.594, 125.446



51, 3.216, 159.442



98, 0.011, 296.813



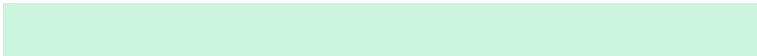
51, 0.007, 296.813

Same Dimension

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



74, 12.673, 158.653



93, 19.306, 158.344



74, 9.436, 191.548



39, 5.203, 159.041



57, 66.729, 145.886



9, 17.461, 154.199

Inverse Universe

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



69, 12.827, 340.778



86, 19.593, 341.074



69, 10.161, 13.618



37, 5.250, 340.401



34, 60.676, 354.469



3, 14.629, 347.045

Previews

White Background



This preview shows how the CIELCh color 74, 12.671, 158.655 looks on a white background.

Color Contrast Check

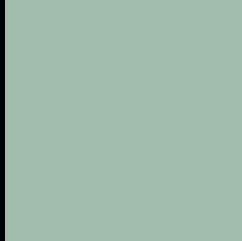
Large Text (above 18pt) WCAG AA × Fail

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 74, 12.671, 158.655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

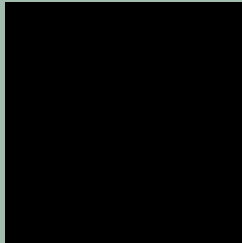
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

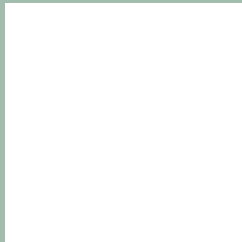
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 12.671, 158.655

Background



This preview shows how black text looks on a background with the CIELCh color 74, 12.671, 158.655.



This preview shows how white text looks on a background with the CIELCh color 74, 12.671, 158.655.

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

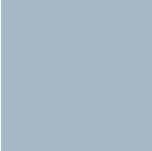
74, 12.671, 158.655

Protanopia

74, 6.995, 86.921

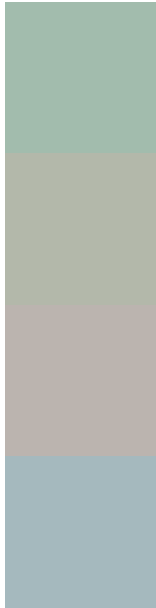
Deuteranopia

74, 9.580, 20.167



Tritanopia
74, 9.943, 254.139

Trichromacy



Original Color
74, 12.671, 158.655

Protanomaly
74, 7.796, 123.549

Deuteranomaly
74, 3.769, 65.116

Tritanomaly
74, 7.576, 219.951

Monochromacy



Original Color
74, 12.671, 158.655

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 4.331, 160.476

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 12.671, 158.655 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, 188, 173)` looks like.

```
.text, #text, p{  
    color:rgb(162, 188, 173)  
}
```

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, 188, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 188, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 12.671, 158.655 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, 188, 173) }
```

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

```
.border{ border-color:rgb(162, 188, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 188, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 188, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 188, 173);  
box-shadow:4px 4px 4px 4px rgb(162, 188,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 12.671, 158.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 188, 173) }
```

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

```
.background{ background-color: rgb(162,  
188, 173) }
```

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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