

Converting Colors

CIELCh(74, 8.803, 193.826)

Have a look what the booklet for
CIELCh(74, 8.803, 193.826) contains.

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Color

CIELCh(74, 9.083, 191.866)

Conversions

Conversions Part 1

Format	Color
Hex	A2BBB9
RGB	162, 187, 185
RGB Percent	64%, 73%, 73%
CMY	0.3648, 0.2668, 0.2746
CMYK	0.13, 0.00, 0.01, 0.27
HSL	175°, 16%, 68%
HSV	175°, 13%, 73%
XYZ	41.4086, 46.7039, 52.7111
YIQ	179.2970, -14.2580, -5.9220

Conversions

Conversions Part 2

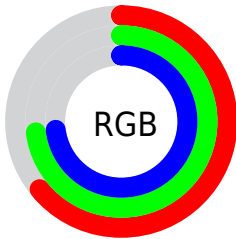
Format	Color
R_{YB}	162, 175, 187
Decimal	10664889
CIE Lab	74.00, -8.89, -1.87
CIE LCh	74, 9.083, 191.866
Yxy	46.7039, 0.2940, 0.3316
Android (android.graphics.Color)	4288854969 (0xFFA2BBB9)
YUV	179.2970, 2.8116, -15.1695
Hunter-Lab	68.3403, -11.4391, 2.1077

Details

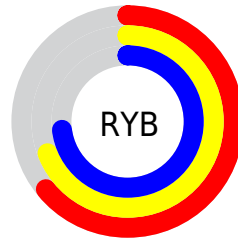
The CIELCh color **74, 9.083, 191.866** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 9.762, 13.830**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 9.035, 192.318**, and **54, 9.191, 191.273** is the 20% darker color. If you saturate the color by 10%, you get **73, 15.478, 191.106**, and if you desaturate by 10%, it is **75, 2.335, 192.747**.

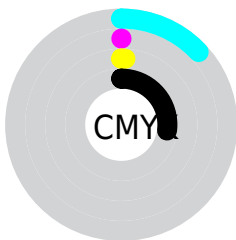
Distribution



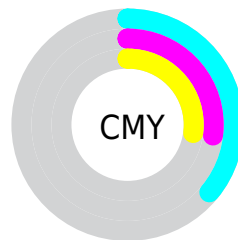
- Red (64%)
- Green (73%)
- Blue (73%)



- Red (64%)
- Yellow (69%)
- Blue (73%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)



- Cyan (36%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 9.083, 191.866 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, 9.083, 191.866 by changing the saturation by 10% instead.

74, 9.083, 191.866

74, 9.083, 191.866

100, 9.083,
191.866

64, 9.083, 191.866

94, 9.083, 191.866

54, 9.083, 191.866

44, 9.083, 191.866

34, 9.083, 191.866

24, 9.083, 191.866

14, 9.083, 191.866

4, 9.083, 191.866

0, 9.083, 191.866

74, 9.083, 191.866

74, 9.083, 191.866

73, 15.478,
191.106

75, 2.335, 192.747

72, 21.408,
190.366

77, 4.667, 13.143

71, 26.758,
189.625

79, 11.835, 13.932

70, 31.421,
188.872

82, 26.219, 15.326

69, 35.309,
188.098

82, 26.233, 13.620

69, 38.366,
187.288

82, 26.272, 11.918

69, 40.581,
186.428

82, 26.336, 10.222

68, 42.004,
185.501

82, 26.424, 8.537

68, 42.659,

184.862

Harmonies

Complementary

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



74, 9.083, 191.866



69, 9.762, 13.830

Rectangle

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



74, 9.083, 191.866



74, 9.083, 241.866



74, 9.083, 11.866



74, 9.083, 61.866

Sweetspot

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



74, 9.084, 191.857



95, 3.415, 192.660



74, 16.124, 141.474



51, 2.444, 192.576



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, 9.084, 191.857



93, 13.325, 191.638



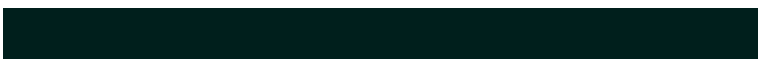
71, 7.620, 247.542



39, 3.912, 192.173



59, 37.642, 184.997



9, 12.117, 187.992

Inverse Universe

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



69, 9.762, 13.830



85, 14.556, 14.119



71, 8.020, 64.442



37, 4.112, 13.444



32, 69.748, 36.297



3, 12.305, 14.798

Previews

White Background



This preview shows how the CIELCh color 74, 9.083, 191.866 looks on a white background.

Color Contrast Check

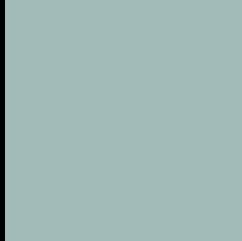
Large Text (above 18pt) WCAG AA × Fail

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, 9.083, 191.866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

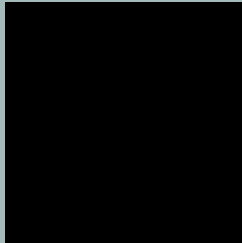
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

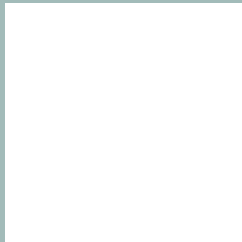
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 9.083, 191.866

Background



This preview shows how black text looks on a background with the CIELCh color 74, 9.083, 191.866.

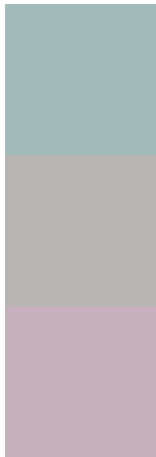


This preview shows how white text looks on a background with the CIELCh color 74, 9.083, 191.866.

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, 9.083, 191.866

Protanopia

74, 1.496, 19.187

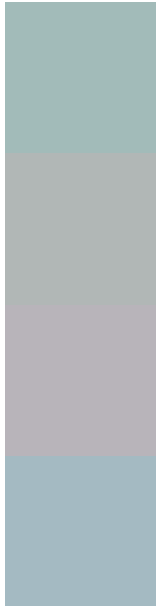
Deuteranopia

74, 9.873, 343.222



Tritanopia
74, 10.165, 247.450

Trichromacy



Original Color
74, 9.083, 191.866

Protanomaly
74, 2.287, 185.761

Deuteranomaly
74, 3.594, 314.755

Tritanomaly
74, 8.795, 228.513

Monochromacy



Original Color
74, 9.083, 191.866

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 3.367, 190.011

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 9.083, 191.866 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, 187, 185)` looks like.

```
.text, #text, p{  
    color:rgb(162, 187, 185)  
}
```

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, 187, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 187, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 9.083, 191.866 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, 187, 185) }
```

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

```
.border{ border-color:rgb(162, 187, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 187, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 187, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 187, 185);  
box-shadow:4px 4px 4px 4px rgb(162, 187,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 9.083, 191.866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 187, 185) }
```

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

```
.background{ background-color: rgb(162,  
187, 185) }
```

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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