

Converting Colors

CIELCh(74, 12.177, 162.417)

Have a look what the booklet for
CIELCh(74, 12.177, 162.417)
contains.

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Color

CIELCh(74, 11.968, 162.512)

Conversions

Conversions Part 1

Format	Color
Hex	A2BCAF
RGB	162, 188, 175
RGB Percent	64%, 74%, 69%
CMY	0.3650, 0.2630, 0.3140
CMYK	0.14, 0.00, 0.07, 0.26
HSL	150°, 16%, 69%
HSV	150°, 14%, 74%
XYZ	40.5863, 46.7039, 47.3981
YIQ	178.7440, -11.3230, -9.5550

Conversions

Conversions Part 2

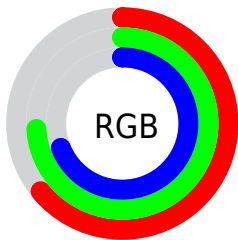
Format	Color
RYB	162, 179, 188
Decimal	10665135
CIELab	74.00, -11.41, 3.60
CIElCh	74, 11.968, 162.512
Yxy	46.7039, 0.3013, 0.3468
Android (android.graphics.Color)	4288855215 (0xFFA2BCAF)
YUV	178.7440, -1.8458, -14.6845
Hunter-Lab	68.3403, -13.5870, 6.7170

Details

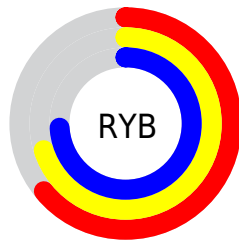
The CIELCh color **74, 11.968, 162.512** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 12.181, 344.788**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 11.996, 161.779**, and **54, 12.040, 163.185** is the 20% darker color. If you saturate the color by 10%, you get **73, 20.562, 161.539**, and if you desaturate by 10%, it is **76, 3.311, 163.455**.

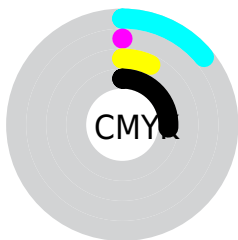
Distribution



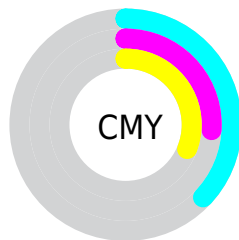
- Red (64%)
- Green (74%)
- Blue (69%)



- Red (64%)
- Yellow (70%)
- Blue (74%)



- Cyan (14%)
- Magenta (0%)
- Yellow (7%)
- Black (26%)





- Cyan (37%)
- Magenta (26%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 11.968, 162.512 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, 11.968, 162.512 by changing the saturation by 10% instead.


 74, 11.968,
162.512


 74, 11.968,
162.512


 100, 11.968,
162.512


 64, 11.968,
162.512


 94, 11.968,
162.512

 54, 11.968,
162.512

 44, 11.968,
162.512

 34, 11.968,
162.512

 24, 11.968,
162.512

 14, 11.968,
162.512

 4, 11.968, 162.512

0, 11.968, 162.512

74, 11.968,
162.512

74, 11.968,
162.512

73, 20.562,
161.539

76, 3.311, 163.455

71, 28.969,
160.462

77, 5.317, 344.048

70, 37.057,
159.253

79, 13.841,
344.808

69, 44.678,
157.885

81, 22.207,
345.479

69, 51.694,
156.334

83, 30.114,
345.688

68, 57.989,
154.582

83, 32.995,
338.540

84, 36.340,

■ 68, 63.494,
152.619

332.703

■ 67, 68.208,
150.460

■ 84, 40.025,
327.974

■ 67, 70.842,
149.112

■ 84, 42.043,
325.882

Harmonies

Complementary

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



74, 11.968, 162.512



69, 12.181, 344.788

Rectangle

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



74, 11.968, 162.512



74, 11.968, 212.512



74, 11.968, 342.512



74, 11.968, 32.512

Sweetspot

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



74, 11.970, 162.509



96, 4.281, 163.430



75, 14.810, 127.869



51, 3.043, 163.350



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, 11.970, 162.509



93, 18.221, 162.185



74, 9.308, 197.273



39, 4.918, 162.921



57, 61.922, 149.439



9, 16.611, 157.033

Inverse Universe

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



69, 12.181, 344.788



86, 18.618, 345.113



69, 10.135, 18.944



37, 4.980, 344.376



34, 59.348, 1.438



3, 13.949, 351.606

Previews

White Background



This preview shows how the CIELCh color 74, 11.968, 162.512 looks on a white background.

Color Contrast Check

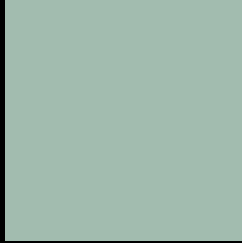
Large Text (above 18pt) WCAG AA × Fail

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 74, 11.968, 162.512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

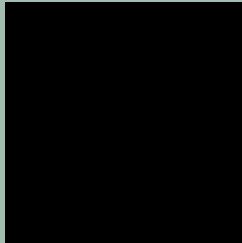
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

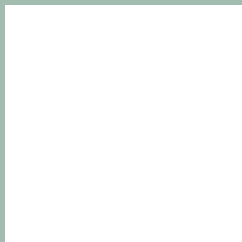
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 11.968, 162.512

Background



This preview shows how black text looks on a background with the CIELCh color 74, 11.968, 162.512.

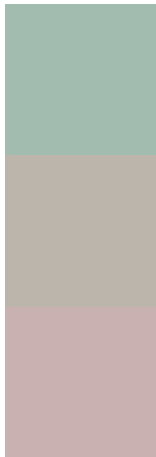


This preview shows how white text looks on a background with the CIELCh color 74, 11.968, 162.512.

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, 11.968, 162.512

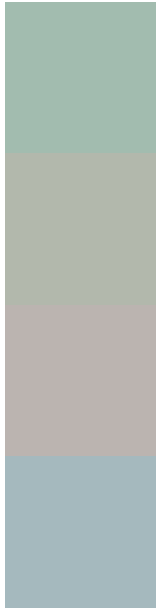
Protanopia
74, 5.847, 86.539

Deuteranopia
74, 9.575, 16.956



Tritanopia
74, 10.143, 252.558

Trichromacy



Original Color
74, 11.968, 162.512

Protanomaly
74, 6.876, 128.802

Deuteranomaly
74, 3.402, 58.795

Tritanomaly
74, 7.576, 219.951

Monochromacy



Original Color
74, 11.968, 162.512

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 4.003, 166.439

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 11.968, 162.512 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(162, 188, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 188, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 11.968, 162.512 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, 175) }
```

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

```
.border{ border-color:rgb(162, 188, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 188, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 188, 175);  
box-shadow:4px 4px 4px 4px rgb(162, 188,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 11.968, 162.512 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, 175) }
```

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

```
.background{ background-color: rgb(162,  
188, 175) }
```

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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