

Converting Colors

CIELCh(78, 12.197, 181.801)

Have a look what the booklet for
CIELCh(78, 12.197, 181.801)
contains.

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Color

CIELCh(78, 12.408, 180.871)

Conversions

Conversions Part 1

Format	Color
Hex	A7C8C1
RGB	167, 200, 193
RGB Percent	65%, 78%, 76%
CMY	0.3461, 0.2167, 0.2442
CMYK	0.17, 0.00, 0.04, 0.22
HSL	167°, 23%, 72%
HSV	167°, 17%, 78%
XYZ	46.0712, 53.2120, 58.1413
YIQ	189.3350, -17.4210, -9.1730

Conversions

Conversions Part 2

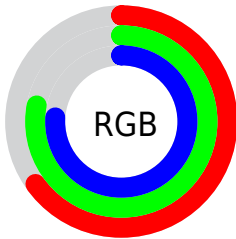
Format	Color
RYB	167, 185, 200
Decimal	10995905
CIELab	78.00, -12.41, -0.19
CIELCh	78, 12.408, 180.871
Yxy	53.2120, 0.2927, 0.3380
Android (android.graphics.Color)	4289185985 (0xFFA7C8C1)
YUV	189.3350, 1.8068, -19.5878
Hunter-Lab	72.9466, -14.9204, 3.8061

Details

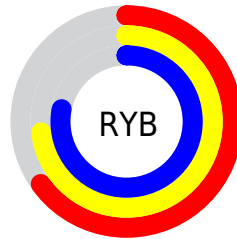
The CIELCh color **78, 12.408, 180.871** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 13.220, 3.928**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 11.741, 183.548**, and **58, 12.145, 181.904** is the 20% darker color. If you saturate the color by 10%, you get **77, 19.557, 179.875**, and if you desaturate by 10%, it is **79, 4.961, 181.849**.

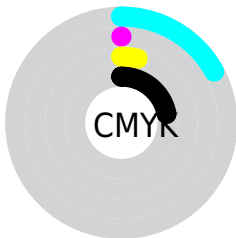
Distribution



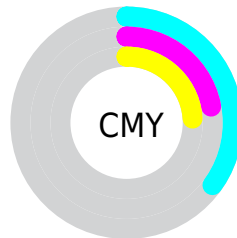
- Red (65%)
- Green (78%)
- Blue (76%)



- Red (65%)
- Yellow (73%)
- Blue (78%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)





- Cyan (35%)
- Magenta (22%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 12.408, 180.871 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 78, 12.408, 180.871 by changing the saturation by 10% instead.


 78, 12.408,
180.871


 78, 12.408,
180.871


 100, 12.408,
180.871


 68, 12.408,
180.871


 98, 12.408,
180.871

 58, 12.408,
180.871

 48, 12.408,
180.871

 38, 12.408,
180.871

 28, 12.408,
180.871

 18, 12.408,
180.871

 8, 12.408, 180.871

0, 12.408, 180.871

78, 12.408,
180.871

78, 12.408,
180.871

77, 19.557,
179.875

79, 4.961, 181.849

76, 26.283,
178.828

81, 2.678, 2.437

75, 32.459,
177.703

83, 10.417, 3.420

74, 37.962,
176.480

85, 18.179, 4.250

73, 42.690,
175.135

86, 21.735, 1.297
355.906

73, 46.581,
173.645

86, 23.352,
350.904

■ 72, 49.626,
171.989

■ 86, 24.433,
346.327

■ 72, 51.902,
170.162

■ 86, 25.666,
342.181

■ 72, 52.612,
169.520

Harmonies

Complementary

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



78, 12.408, 180.871



71, 13.220, 3.928

Rectangle

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



78, 12.408, 180.871



78, 12.408, 230.871



78, 12.408, 0.871



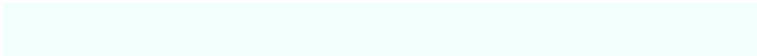
78, 12.408, 50.871

Sweetspot

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



78, 12.409, 180.866



99, 4.645, 182.008



78, 20.181, 137.536



53, 3.167, 181.928



0, 0.000, 0.000



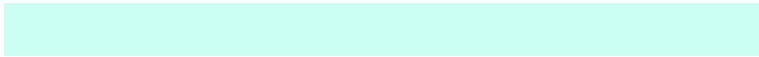
53, 0.007, 296.813

Same Dimension

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



78, 12.409, 180.866



96, 18.203, 180.497



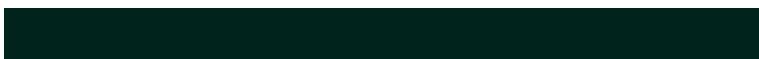
76, 9.573, 230.776



41, 4.287, 181.560



60, 45.106, 169.824



11, 15.389, 174.665

Inverse Universe

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



71, 13.220, 3.928



87, 19.692, 4.375



74, 10.535, 48.534



39, 4.443, 3.139



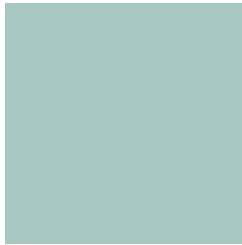
34, 65.721, 27.957



3, 16.216, 8.548

Previews

White Background



This preview shows how the CIELCh color 78, 12.408, 180.871 looks on a white background.

Color Contrast Check

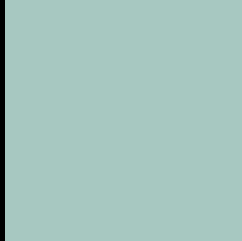
Large Text (above 18pt) WCAG AA × Fail

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 78, 12.408, 180.871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

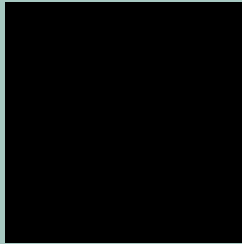
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

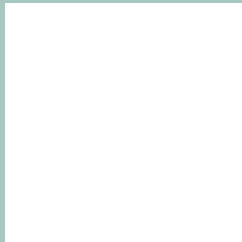
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 12.408, 180.871

Background



This preview shows how black text looks on a background with the CIELCh color 78, 12.408, 180.871.



This preview shows how white text looks on a background with the CIELCh color 78, 12.408, 180.871.

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](#).

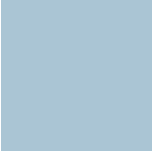
Dichromacy



Original Color
78, 12.408, 180.871

Protanopia
78, 2.817, 68.519

Deuteranopia
78, 10.162, 351.999



Tritanopia
78, 12.059, 240.858

Trichromacy



Original Color
78, 12.408, 180.871

Protanomaly
78, 4.275, 160.506

Deuteranomaly
78, 1.968, 324.398

Tritanomaly
78, 10.650, 219.441

Monochromacy



Original Color
78, 12.408, 180.871

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 4.688, 179.060

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 12.408, 180.871 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(167, 200, 193)` looks like.

```
.text, #text, p{  
    color:rgb(167, 200, 193)  
}
```

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(167, 200, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 200, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 12.408, 180.871 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(167, 200, 193) }
```

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

```
.border{ border-color:rgb(167, 200, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 200, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 200, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 200, 193);  
box-shadow:4px 4px 4px 4px rgb(167, 200,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 12.408, 180.871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 200, 193) }
```

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

```
.background{ background-color: rgb(167,  
200, 193) }
```

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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