

Converting Colors

CIE LCh(78, 12.720, 178.339)

Have a look what the booklet for
CIELCh(78, 12.720, 178.339)
contains.

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Color

CIELCh(78, 12.613, 178.584)

Conversions

Conversions Part 1

Format	Color
Hex	A7C8C0
RGB	167, 200, 192
RGB Percent	65%, 78%, 75%
CMY	0.3458, 0.2164, 0.2478
CMYK	0.17, 0.00, 0.04, 0.22
HSL	165°, 23%, 72%
HSV	165°, 17%, 78%
XYZ	46.0000, 53.2120, 57.6052
YIQ	189.2210, -17.1000, -9.4840

Conversions

Conversions Part 2

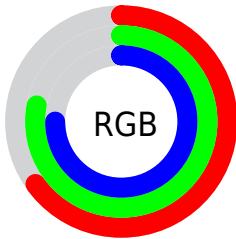
Format	Color
RYB	167, 186, 200
Decimal	10995904
CIELab	78.00, -12.61, 0.31
CIElCh	78, 12.613, 178.584
Yxy	53.2120, 0.2933, 0.3393
Android (android.graphics.Color)	4289185984 (0xFFA7C8C0)
YUV	189.2210, 1.3700, -19.4878
Hunter-Lab	72.9466, -15.0947, 4.2419

Details

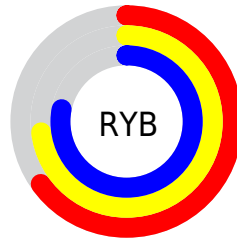
The CIELCh color **78, 12.613, 178.584** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 13.361, 1.684**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 11.912, 181.198**, and **58, 12.360, 179.410** is the 20% darker color. If you saturate the color by 10%, you get **77, 19.922, 177.561**, and if you desaturate by 10%, it is **79, 5.031, 179.580**.

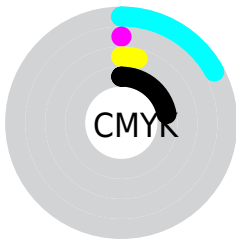
Distribution



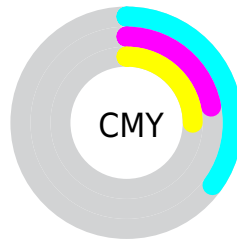
- Red (65%)
- Green (78%)
- Blue (75%)



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



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




- Cyan (35%)
- Magenta (22%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 12.613, 178.584 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, 12.613, 178.584 by changing the saturation by 10% instead.

 78, 12.613,
178.584

 78, 12.613,
178.584

 100, 12.613,
178.584

 68, 12.613,
178.584


 98, 12.613,
178.584

 58, 12.613,
178.584

 48, 12.613,
178.584

 38, 12.613,
178.584

 28, 12.613,
178.584

 18, 12.613,
178.584

 8, 12.613, 178.584

0, 12.613, 178.584

78, 12.613,
178.584

78, 12.613,
178.584

77, 19.922,
177.561

79, 5.031, 179.580

76, 26.832,
176.477

81, 2.719, 0.190

75, 33.214,
175.303

83, 10.545, 1.175

74, 38.944,
174.019

86, 22.024,
358.634

73, 43.915,
172.599

86, 22.964,
352.704

73, 48.061,
171.019

86, 24.143,
347.318

■ 72, 51.370,
169.261

■ 86, 25.528,
342.498

■ 72, 53.916,
167.321

■ 86, 27.086,
338.227

■ 72, 54.722,
166.642

Harmonies

Complementary

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



78, 12.613, 178.584



71, 13.361, 1.684

Rectangle

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



78, 12.613, 178.584



78, 12.613, 228.584



78, 12.613, 358.584



78, 12.613, 48.584

Sweetspot

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



78, 12.614, 178.579



99, 4.712, 179.740



78, 19.977, 136.542



53, 3.213, 179.659



0, 0.000, 0.000



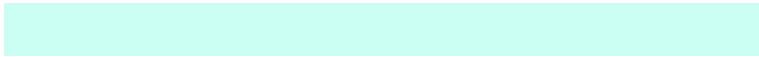
53, 0.007, 296.813

Same Dimension

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



78, 12.614, 178.579



96, 18.518, 178.201



76, 9.629, 226.434



41, 4.352, 179.286



60, 46.876, 166.965



11, 15.842, 172.148

Inverse Universe

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



71, 13.361, 1.684



87, 19.888, 2.131



73, 10.652, 44.713



39, 4.496, 0.892



34, 64.523, 25.517



4, 16.310, 7.047

Previews

White Background



This preview shows how the CIELCh color 78, 12.613, 178.584 looks on a white background.

Color Contrast Check

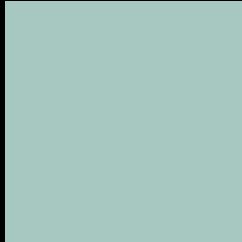
Large Text (above 18pt) WCAG AA × Fail

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 78, 12.613, 178.584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

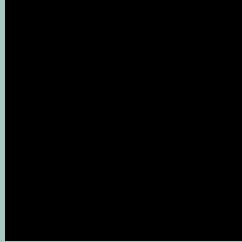
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

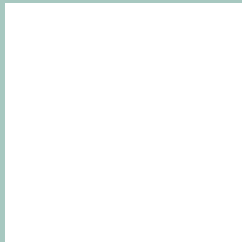
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 12.613, 178.584

Background



This preview shows how black text looks on a background with the CIELCh color 78, 12.613, 178.584.



This preview shows how white text looks on a background with the CIELCh color 78, 12.613, 178.584.

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, 12.613, 178.584

Protanopia

78, 3.240, 74.697

Deuteranopia

78, 10.162, 351.999



Tritanopia
78, 11.818, 241.931

Trichromacy



Original Color
78, 12.613, 178.584

Protanomaly
78, 4.636, 155.417

Deuteranomaly
78, 1.968, 324.398

Tritanomaly
78, 10.650, 219.441

Monochromacy



Original Color
78, 12.613, 178.584

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, 12.613, 178.584 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(167, 200, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 200, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 12.613, 178.584 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, 192) }
```

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

```
.border{ border-color:rgb(167, 200, 192) }
```

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, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 200, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 200, 192);  
box-shadow:4px 4px 4px 4px rgb(167, 200,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 12.613, 178.584 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, 192) }
```

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

```
.background{ background-color: rgb(167,  
200, 192) }
```

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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