

Converting Colors

CIELCh(78, 15.299, 223.470)

Have a look what the booklet for
CIELCh(78, 15.299, 223.470)
contains.

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Color

CIELCh(78, 15.299, 223.470)

Conversions

Conversions Part 1

Format	Color
Hex	9EC8D4
RGB	158, 200, 212
RGB Percent	62%, 78%, 83%
CMY	0.3811, 0.2164, 0.1694
CMYK	0.25, 0.06, 0.00, 0.17
HSL	193°, 38%, 72%
HSV	193°, 25%, 83%
XYZ	46.5314, 53.2120, 69.9760
YIQ	188.8100, -28.8840, -5.1720

Conversions

Conversions Part 2

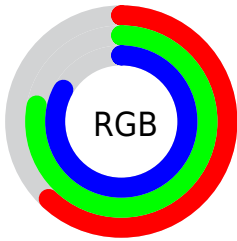
Format	Color
RYB	158, 182, 212
Decimal	10406100
CIELab	78.00, -11.10, -10.53
CIELCh	78, 15.299, 223.470
Yxy	53.2120, 0.2742, 0.3135
Android (android.graphics.Color)	4288596180 (0xFF9EC8D4)
YUV	188.8100, 11.4327, -27.0204
Hunter-Lab	72.9466, -13.7942, -5.8130

Details

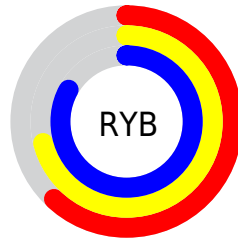
The CIELCh color **78, 15.299, 223.470** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **73, 18.120, 41.491**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 13.731, 198.590**, and **58, 15.256, 222.610** is the 20% darker color. If you saturate the color by 10%, you get **76, 20.543, 224.363**, and if you desaturate by 10%, it is **81, 9.582, 222.817**.

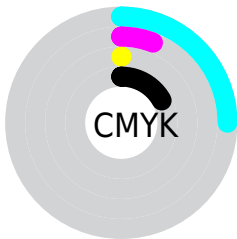
Distribution



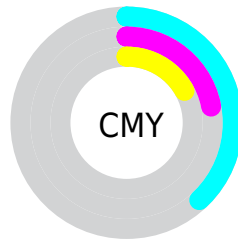
- Red (62%)
- Green (78%)
- Blue (83%)



- Red (62%)
- Yellow (71%)
- Blue (83%)



- Cyan (25%)
- Magenta (6%)
- Yellow (0%)
- Black (17%)





- Cyan (38%)
- Magenta (22%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 15.299, 223.470 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, 15.299, 223.470 by changing the saturation by 10% instead.


 78, 15.299,
223.470

 78, 15.299,
223.470


 100, 15.299,
223.470


 68, 15.299,
223.470


 98, 15.299,
223.470

 58, 15.299,
223.470

 48, 15.299,
223.470

 38, 15.299,
223.470

 28, 15.299,
223.470

 18, 15.299,
223.470

 8, 15.299, 223.470

0, 15.299, 223.470

78, 15.299,
223.470

78, 15.299,
223.470

76, 20.543,
224.363

81, 9.582, 222.817

73, 25.222,
225.567

83, 3.484, 222.437

71, 29.248,
227.150

86, 2.914, 41.747

69, 32.560,
229.195

89, 9.541, 41.657

67, 35.132,
231.792

91, 13.271, 46.625

65, 37.004,
235.022

92, 13.115, 59.325

94, 13.607, 71.670

95, 14.679, 82.637

■ 64, 38.294,
238.923

■ 96, 16.209, 91.779

■ 63, 38.801,
240.802

Harmonies

Complementary

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



78, 15.299, 223.470



73, 18.120, 41.491

Rectangle

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



78, 15.299, 223.470



78, 15.299, 273.470



78, 15.299, 43.470



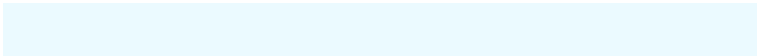
78, 15.299, 93.470

Sweetspot

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



78, 15.299, 223.464



97, 5.864, 222.495



80, 30.072, 149.233



52, 4.152, 222.547



0, 0.000, 0.000



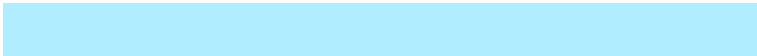
53, 0.007, 296.813

Same Dimension

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



78, 15.299, 223.464



90, 21.193, 223.956



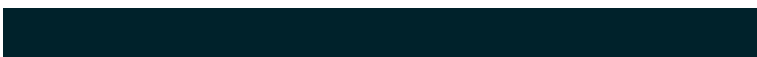
71, 21.591, 278.604



44, 3.599, 222.541



51, 32.976, 240.096



11, 12.674, 231.325

Inverse Universe

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



71, 30.108, 332.974



81, 42.513, 333.384



80, 21.401, 91.752



42, 6.723, 331.882



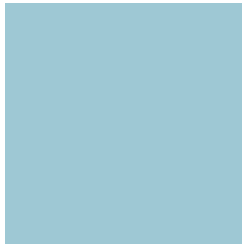
38, 72.188, 339.456



6, 27.985, 336.948

Previews

White Background



This preview shows how the CIELCh color 78, 15.299, 223.470 looks on a white background.

Color Contrast Check

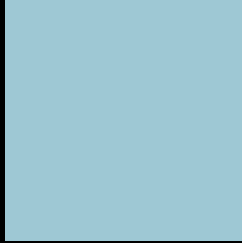
Large Text (above 18pt) WCAG AA × Fail

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, 15.299, 223.470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

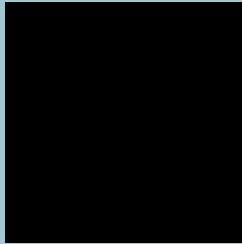
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

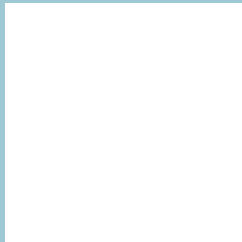
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 15.299, 223.470

Background



This preview shows how black text looks on a background with the CIELCh color 78, 15.299, 223.470.



This preview shows how white text looks on a background with the CIELCh color 78, 15.299, 223.470.

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](#).

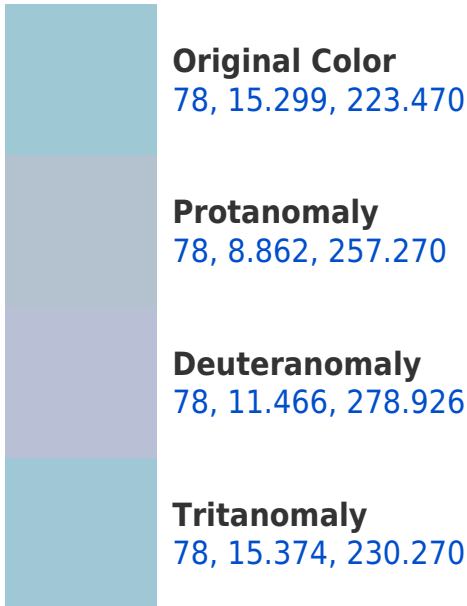
Dichromacy



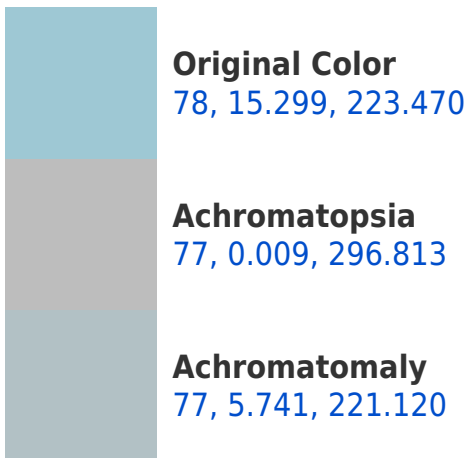


Tritanopia
78, 15.615, 232.075

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 15.299, 223.470 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(158, 200, 212)` looks like.

```
.text, #text, p{  
    color:rgb(158, 200, 212)  
}
```

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(158, 200, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 200, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 15.299, 223.470 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(158, 200, 212) }
```

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

```
.border{ border-color:rgb(158, 200, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 200, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 200, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 200, 212);  
box-shadow:4px 4px 4px 4px rgb(158, 200,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 15.299, 223.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 200, 212) }
```

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

```
.background{ background-color: rgb(158,  
200, 212) }
```

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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