

Converting Colors

CIELCh(78, 14.387, 227.700)

Have a look what the booklet for
CIELCh(78, 14.387, 227.700)
contains.

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Color

CIELCh(78, 14.387, 227.700)

Conversions

Conversions Part 1

Format	Color
Hex	A1C7D4
RGB	161, 199, 212
RGB Percent	63%, 78%, 83%
CMY	0.3684, 0.2194, 0.1684
CMYK	0.24, 0.06, 0.00, 0.17
HSL	195°, 37%, 73%
HSV	195°, 24%, 83%
XYZ	47.0364, 53.2120, 70.1169
YIQ	189.1200, -26.8210, -4.0130

Conversions

Conversions Part 2

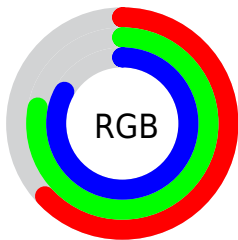
Format	Color
RYB	161, 183, 212
Decimal	10602452
CIELab	78.00, -9.68, -10.64
CIElCh	78, 14.387, 227.700
Yxy	53.2120, 0.2761, 0.3123
Android (android.graphics.Color)	4288792532 (0xFFA1C7D4)
YUV	189.1200, 11.2798, -24.6612
Hunter-Lab	72.9466, -12.5585, -5.9275

Details

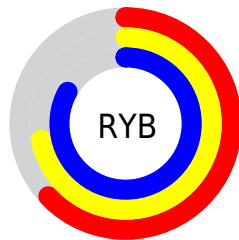
The CIELCh color $78, 14.387, 227.700$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $74, 16.756, 45.036$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 12.771, 198.653$, and $58, 14.339, 226.985$ is the 20% darker color. If you saturate the color by 10%, you get $75, 19.706, 228.766$, and if you desaturate by 10%, it is $81, 8.641, 226.894$.

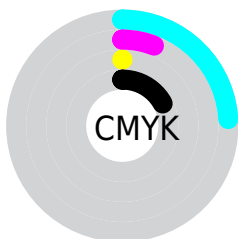
Distribution



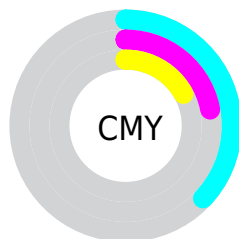
- Red (63%)
- Green (78%)
- Blue (83%)



- Red (63%)
- Yellow (72%)
- Blue (83%)



- Cyan (24%)
- Magenta (6%)
- Yellow (0%)
- Black (17%)





- Cyan (37%)
- Magenta (22%)
- Yellow (17%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 14.387, 227.700 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, 14.387, 227.700 by changing the saturation by 10% instead.


 78, 14.387,
227.700


 78, 14.387,
227.700


 100, 14.387,
227.700


 68, 14.387,
227.700


 98, 14.387,
227.700

 58, 14.387,
227.700

 48, 14.387,
227.700

 38, 14.387,
227.700

 28, 14.387,
227.700

 18, 14.387,
227.700

 8, 14.387, 227.700

0, 14.387, 227.700

78, 14.387,
227.700

78, 14.387,
227.700

75, 19.706,
228.766

81, 8.641, 226.894

73, 24.511,
230.167

84, 2.551, 226.424

87, 3.809, 45.600

70, 28.725,
231.975

90, 10.373, 45.350

68, 32.287,
234.280

92, 13.022, 53.549

93, 13.313, 68.114

66, 35.180,
237.175

95, 14.408, 81.196

64, 37.443,
240.736

96, 16.134, 91.898

■ 62, 39.199,
244.991

■ 97, 18.307,
100.241

■ 61, 40.139,
247.727

Harmonies

Complementary

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



78, 14.387, 227.700



74, 16.756, 45.036

Rectangle

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



78, 14.387, 227.700



78, 14.387, 277.700



78, 14.387, 47.700



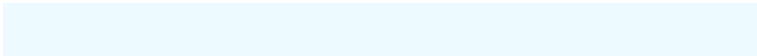
78, 14.387, 97.700

Sweetspot

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



78, 14.387, 227.694



98, 5.084, 226.502



81, 27.706, 150.544



52, 3.299, 226.529



0, 0.000, 0.000



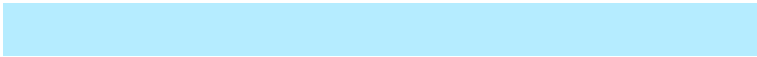
53, 0.007, 296.813

Same Dimension

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



78, 14.387, 227.694



90, 19.815, 228.220



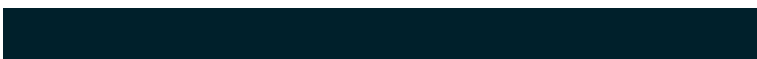
71, 21.185, 280.591



44, 3.559, 226.615



50, 34.020, 246.949



11, 12.813, 237.129

Inverse Universe

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



72, 27.792, 334.138



82, 38.910, 334.523



80, 20.842, 94.323



42, 6.568, 333.106



38, 70.538, 341.589



6, 27.328, 338.615

Previews

White Background



This preview shows how the CIE LCh color 78, 14.387, 227.700 looks on a white background.

Color Contrast Check

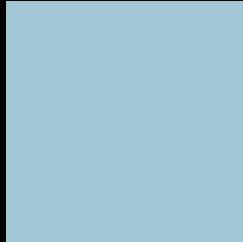
Large Text (above 18pt) WCAG AA × Fail

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, 14.387, 227.700 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

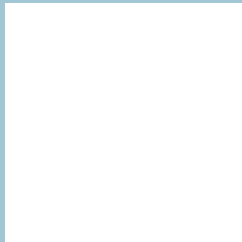
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 14.387, 227.700

Background



This preview shows how black text looks on a background with the CIELCh color 78, 14.387, 227.700.



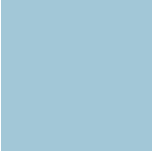
This preview shows how white text looks on a background with the CIELCh color 78, 14.387, 227.700.

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, 14.844, 234.106

Trichromacy



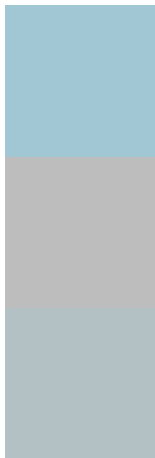
Original Color
78, 14.387, 227.700

Protanomaly
78, 9.306, 259.195

Deuteranomaly
78, 11.894, 282.828

Tritanomaly
78, 14.585, 232.247

Monochromacy



Original Color
78, 14.387, 227.700

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 5.418, 222.535

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 14.387, 227.700 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(161, 199, 212)` looks like.

```
.text, #text, p{  
    color:rgb(161, 199, 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(161, 199, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 199, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 14.387, 227.700 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(161, 199, 212) }
```

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

```
.border{ border-color:rgb(161, 199, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 199, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 199, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 199, 212);  
box-shadow:4px 4px 4px 4px rgb(161, 199,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 14.387, 227.700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 199, 212) }
```

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

```
.background{ background-color: rgb(161,  
199, 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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