

Converting Colors

CIELCh(82, 15.956, 222.530)

Have a look what the booklet for
CIELCh(82, 15.956, 222.530)
contains.

CIELCh(82, 15.949, 224.249)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(82, 15.949, 224.249)

Conversions

Conversions Part 1

Format	Color
Hex	A7D3E0
RGB	167, 211, 224
RGB Percent	65%, 83%, 88%
CMY	0.3444, 0.1719, 0.1209
CMYK	0.25, 0.06, 0.00, 0.12
HSL	194°, 48%, 77%
HSV	194°, 25%, 88%
XYZ	52.7861, 60.2982, 79.5006
YIQ	199.3260, -30.3970, -5.2850

Conversions

Conversions Part 2

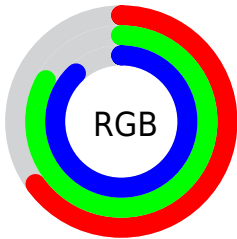
Format	Color
RYB	167, 192, 224
Decimal	10998752
CIELab	82.00, -11.42, -11.13
CIELCh	82, 15.949, 224.249
Yxy	60.2982, 0.2741, 0.3131
Android (android.graphics.Color)	4289188832 (0xFFA7D3E0)
YUV	199.3260, 12.1643, -28.3499
Hunter-Lab	77.6519, -14.5503, -6.3452

Details

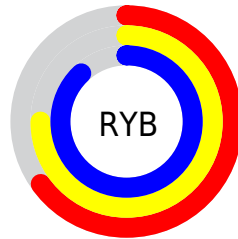
The CIELCh color **82, 15.949, 224.249** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **77, 18.874, 42.112**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 10.827, 198.783**, and **62, 15.823, 225.967** is the 20% darker color. If you saturate the color by 10%, you get **79, 21.435, 225.186**, and if you desaturate by 10%, it is **85, 9.972, 223.559**.

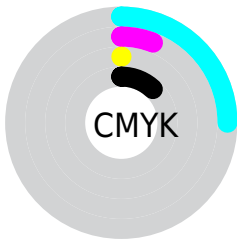
Distribution



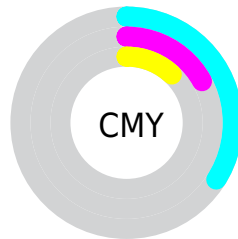
- Red (65%)
- Green (83%)
- Blue (88%)



- Red (65%)
- Yellow (75%)
- Blue (88%)



- Cyan (25%)
- Magenta (6%)
- Yellow (0%)
- Black (12%)





- Cyan (34%)
- Magenta (17%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 15.949, 224.249 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 82, 15.949, 224.249 by changing the saturation by 10% instead.


 82, 15.949,
224.249


 82, 15.949,
224.249


 100, 15.949,
224.249


 72, 15.949,
224.249


 62, 15.949,
224.249

 52, 15.949,
224.249

 42, 15.949,
224.249

 32, 15.949,
224.249

 22, 15.949,
224.249

 12, 15.949,

224.249

■ 2, 15.949, 224.249

■ 0, 15.949, 224.249

■ 82, 15.949,
224.249

■ 82, 15.949,
224.249

■ 79, 21.435,
225.186

■ 85, 9.972, 223.559

■ 77, 26.334,
226.443

■ 88, 3.598, 223.148

■ 75, 30.556,
228.090

■ 91, 3.086, 42.434

■ 72, 34.037,
230.213

■ 94, 9.375, 43.882

■ 70, 36.754,

■ 95, 9.272, 63.477

■ 96, 10.214, 81.334

232.904

97, 11.948, 95.022

68, 38.751,
236.243

99, 14.177,
104.767

67, 40.160,
240.264

99, 15.594,
108.999

66, 40.722,
242.235

Harmonies

Complementary

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



82, 15.949, 224.249



77, 18.874, 42.112

Rectangle

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



82, 15.949, 224.249



82, 15.949, 274.249



82, 15.949, 44.249



82, 15.949, 94.249

Sweetspot

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



82, 15.949, 224.243



97, 5.850, 223.215



84, 31.413, 149.231



52, 4.142, 223.272



0, 0.000, 0.000



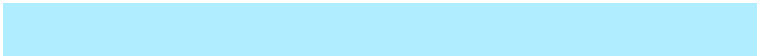
53, 0.007, 296.813

Same Dimension

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



82, 15.949, 224.243



90, 21.156, 224.755



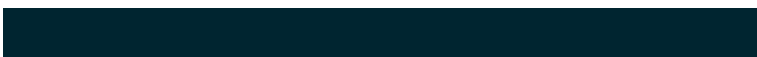
75, 22.555, 278.608



46, 3.730, 223.267



53, 33.874, 241.453



13, 13.606, 233.441

Inverse Universe

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



75, 31.323, 333.199



81, 42.342, 333.610



84, 22.356, 91.749



44, 6.957, 332.101



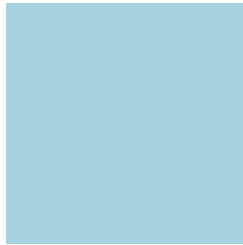
40, 73.440, 339.861



7, 30.793, 337.565

Previews

White Background



This preview shows how the CIE LCh color 82, 15.949, 224.249 looks on a white background.

Color Contrast Check

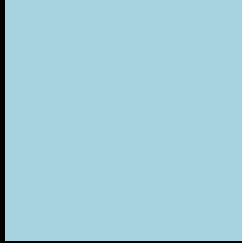
Large Text (above 18pt) WCAG AA × Fail

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 82, 15.949, 224.249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

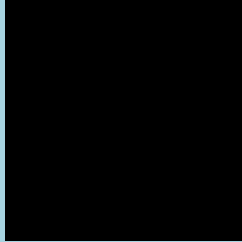
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

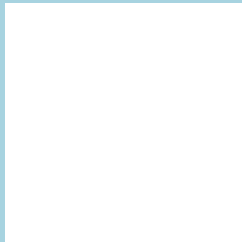
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 15.949, 224.249

Background



This preview shows how black text looks on a background with the CIELCh color 82, 15.949, 224.249.



This preview shows how white text looks on a background with the CIELCh color 82, 15.949, 224.249.

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](#).

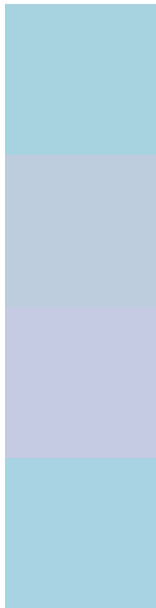
Dichromacy





Tritanopia
82, 16.294, 230.102

Trichromacy



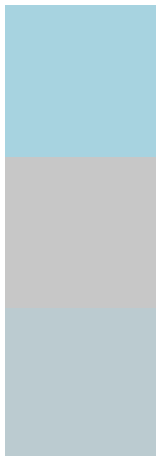
Original Color
82, 15.949, 224.249

Protanomaly
82, 9.834, 259.107

Deuteranomaly
82, 12.385, 280.025

Tritanomaly
82, 16.072, 228.364

Monochromacy



Original Color
82, 15.949, 224.249

Achromatopsia
80, 0.010, 296.813

Achromatomaly
81, 6.204, 224.543

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 15.949, 224.249 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, 211, 224)` looks like.

```
.text, #text, p{  
    color:rgb(167, 211, 224)  
}
```

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, 211, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 211, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 15.949, 224.249 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, 211, 224) }
```

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

```
.border{ border-color:rgb(167, 211, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 211, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 211, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 211, 224);  
box-shadow:4px 4px 4px 4px rgb(167, 211,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 15.949, 224.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 211, 224) }
```

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

```
.background{ background-color: rgb(167,  
211, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor