

Converting Colors

CIELCh(82, 12.236, 198.729)

Have a look what the booklet for
CIELCh(82, 12.236, 198.729)
contains.

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Color

CIELCh(82, 12.465, 198.547)

Conversions

Conversions Part 1

Format	Color
Hex	AFD3D3
RGB	175, 211, 211
RGB Percent	69%, 83%, 83%
CMY	0.3143, 0.1732, 0.1732
CMYK	0.17, 0.00, 0.00, 0.17
HSL	180°, 29%, 76%
HSV	180°, 17%, 83%
XYZ	52.6348, 60.2982, 70.3857
YIQ	200.2360, -21.4560, -7.6320

Conversions

Conversions Part 2

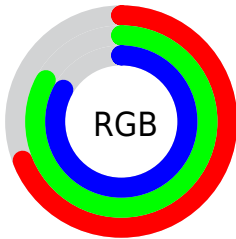
Format	Color
RYB	175, 193, 211
Decimal	11523027
CIELab	82.00, -11.82, -3.96
CIELCh	82, 12.465, 198.547
Yxy	60.2982, 0.2871, 0.3289
Android (android.graphics.Color)	4289713107 (0xFFAFD3D3)
YUV	200.2360, 5.3067, -22.1320
Hunter-Lab	77.6519, -14.8981, 0.6144

Details

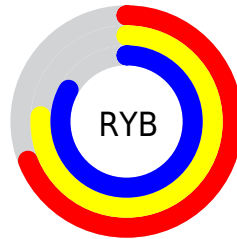
The CIELCh color **82, 12.465, 198.547** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **75, 13.925, 20.556**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 8.189, 198.968**, and **62, 12.245, 200.985** is the 20% darker color. If you saturate the color by 10%, you get **81, 19.115, 198.051**, and if you desaturate by 10%, it is **83, 5.306, 199.119**.

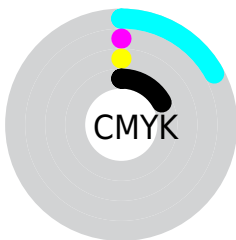
Distribution



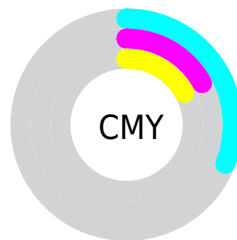
- Red (69%)
- Green (83%)
- Blue (83%)



- Red (69%)
- Yellow (76%)
- Blue (83%)



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



- Cyan (31%)
- Magenta (17%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 12.465, 198.547 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, 12.465, 198.547 by changing the saturation by 10% instead.


 82, 12.465,
198.547


 82, 12.465,
198.547


 100, 12.465,
198.547


 72, 12.465,
198.547


 62, 12.465,
198.547

 52, 12.465,
198.547

 42, 12.465,
198.547

 32, 12.465,
198.547

 22, 12.465,
198.547

 12, 12.465,

198.547

■ 2, 12.465, 198.547

■ 0, 12.465, 198.547

■ 82, 12.465,
198.547

■ 82, 12.465,
198.547

■ 81, 19.115,
198.051

■ 83, 5.306, 199.119

■ 80, 25.132,
197.623

■ 85, 2.245, 19.309

■ 87, 10.082, 20.090

■ 79, 30.397,
197.256

■ 88, 16.508, 20.594

■ 78, 34.809,
196.954

■ 88, 16.508, 20.592

■ 88, 16.508, 20.589

■ 78, 38.297,

196.718

 88, 16.508, 20.586


 77, 40.834,
196.548

 88, 16.508, 20.583

 77, 42.450,
196.440

 88, 16.508, 20.580

 77, 43.257,
196.386

 77, 43.421,
196.375

Harmonies

Complementary

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



82, 12.465, 198.547



75, 13.925, 20.556

Rectangle

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



82, 12.465, 198.547



82, 12.465, 248.547



82, 12.465, 18.547



82, 12.465, 68.547

Sweetspot

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



82, 12.466, 198.540



99, 4.397, 199.271



81, 23.236, 142.963



53, 2.995, 199.214



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, 12.466, 198.540



97, 16.872, 198.379



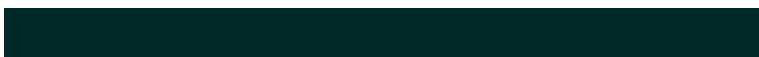
77, 11.184, 255.966



43, 4.203, 198.969



62, 36.714, 196.375



14, 14.039, 196.377

Inverse Universe

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



75, 13.925, 20.556



86, 19.269, 20.846



79, 11.743, 71.508



41, 4.460, 19.921



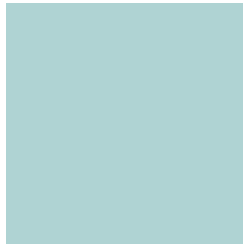
35, 76.452, 39.861



4, 20.018, 19.463

Previews

White Background



This preview shows how the CIE LCh color 82, 12.465, 198.547 looks on a white background.

Color Contrast Check

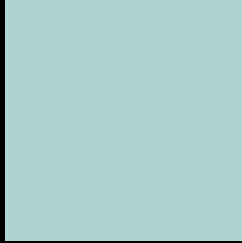
Large Text (above 18pt) WCAG AA × Fail

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, 12.465, 198.547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

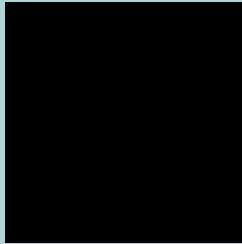
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

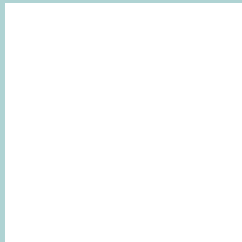
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 12.465, 198.547

Background



This preview shows how black text looks on a background with the CIELCh color 82, 12.465, 198.547.

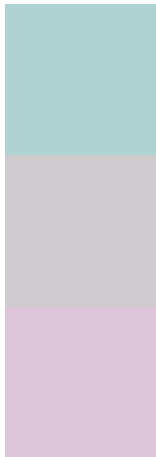


This preview shows how white text looks on a background with the CIELCh color 82, 12.465, 198.547.

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](#).

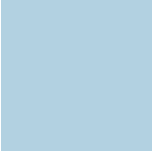
Dichromacy



Original Color
82, 12.465, 198.547

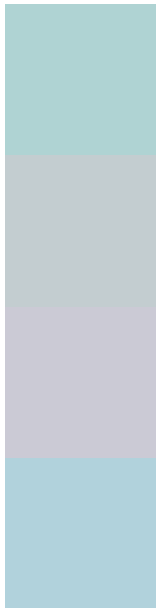
Protanopia
82, 2.593, 324.446

Deuteranopia
82, 12.078, 332.113



Tritanopia
82, 13.250, 238.808

Trichromacy



Original Color
82, 12.465, 198.547

Protanomaly
82, 3.886, 223.497

Deuteranomaly
82, 5.858, 294.193

Tritanomaly
82, 12.278, 224.395

Monochromacy



Original Color
82, 12.465, 198.547

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 4.662, 199.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 12.465, 198.547 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(175, 211, 211)` looks like.

```
.text, #text, p{  
    color:rgb(175, 211, 211)  
}
```

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(175, 211, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 211, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 12.465, 198.547 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(175, 211, 211) }
```

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

```
.border{ border-color:rgb(175, 211, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 211, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 211, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 211, 211);  
box-shadow:4px 4px 4px 4px rgb(175, 211,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 12.465, 198.547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 211, 211) }
```

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

```
.background{ background-color: rgb(175,  
211, 211) }
```

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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