

Converting Colors

CIELCh(82, 13.711, 200.731)

Have a look what the booklet for
CIELCh(82, 13.711, 200.731)
contains.

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Color

CIELCh(82, 13.411, 200.759)

Conversions

Conversions Part 1

Format	Color
Hex	ACD3D4
RGB	172, 211, 212
RGB Percent	67%, 83%, 83%
CMY	0.3244, 0.1714, 0.1675
CMYK	0.19, 0.00, 0.00, 0.17
HSL	181°, 32%, 75%
HSV	181°, 19%, 83%
XYZ	52.3574, 60.2982, 71.3528
YIQ	199.4530, -23.5650, -7.9570

Conversions

Conversions Part 2

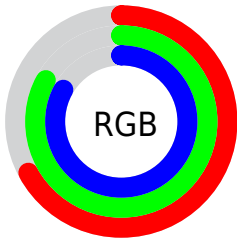
Format	Color
R _{YB}	172, 192, 212
Decimal	11326420
CIE Lab	82.00, -12.54, -4.75
CIE LCh	82, 13.411, 200.759
Yxy	60.2982, 0.2845, 0.3277
Android (android.graphics.Color)	4289516500 (0xFFACD3D4)
YUV	199.4530, 6.1857, -24.0763
Hunter-Lab	77.6519, -15.5359, -0.1241

Details

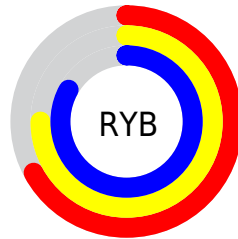
The CIELCh color **82, 13.411, 200.759** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74, 15.193, 22.685**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.184, 198.897**, and **62, 13.239, 200.698** is the 20% darker color. If you saturate the color by 10%, you get **81, 19.821, 200.381**, and if you desaturate by 10%, it is **84, 6.477, 201.215**.

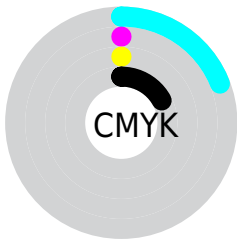
Distribution



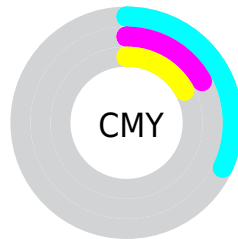
- Red (67%)
- Green (83%)
- Blue (83%)



- Red (67%)
- Yellow (75%)
- Blue (83%)



- Cyan (19%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)





- Cyan (32%)
- Magenta (17%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 13.411, 200.759 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, 13.411, 200.759 by changing the saturation by 10% instead.


 82, 13.411,
200.759


 82, 13.411,
200.759


 100, 13.411,
200.759


 72, 13.411,
200.759


 62, 13.411,
200.759

 52, 13.411,
200.759

 42, 13.411,
200.759

 32, 13.411,
200.759

 22, 13.411,
200.759

 12, 13.411,

200.759

■ 2, 13.411, 200.759

■ 0, 13.411, 200.759

■ 82, 13.411,
200.759

■ 82, 13.411,
200.759

■ 81, 19.821,
200.381

■ 84, 6.477, 201.215

■ 79, 25.583,
200.087

■ 85, 0.866, 20.922

■ 87, 8.513, 22.025

■ 78, 30.582,
199.878

■ 89, 15.534, 22.635

■ 78, 34.718,
199.763

■ 89, 15.352, 23.658

■ 89, 15.176, 24.705

■ 77, 37.923,

199.751

89, 15.005, 25.776

76, 40.175,
199.847

89, 14.839, 26.872

76, 41.512,
200.055

89, 14.679, 27.993

76, 42.088,
200.365

76, 42.137,
200.402

Harmonies

Complementary

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



82, 13.411, 200.759



74, 15.193, 22.685

Rectangle

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



82, 13.411, 200.759



82, 13.411, 250.759



82, 13.411, 20.759



82, 13.411, 70.759

Sweetspot

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



82, 13.412, 200.752



99, 5.133, 201.381



81, 25.653, 143.690



53, 3.400, 201.338



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, 13.412, 200.752



96, 18.720, 200.579



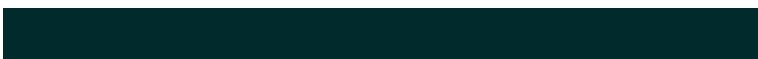
77, 12.768, 259.919



44, 4.180, 201.184



62, 35.861, 200.341



15, 14.150, 199.596

Inverse Universe

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



75, 25.532, 326.144



86, 36.174, 326.389



79, 13.344, 74.828



42, 7.716, 325.611



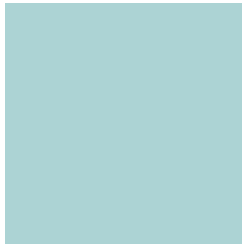
40, 83.961, 329.241



6, 32.364, 328.859

Previews

White Background



This preview shows how the CIE LCh color 82, 13.411, 200.759 looks on a white background.

Color Contrast Check

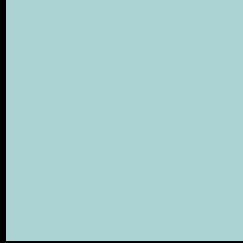
Large Text (above 18pt) WCAG AA × Fail

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, 13.411, 200.759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

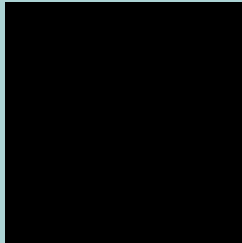
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

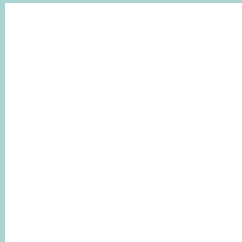
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 13.411, 200.759

Background



This preview shows how black text looks on a background with the CIELCh color 82, 13.411, 200.759.

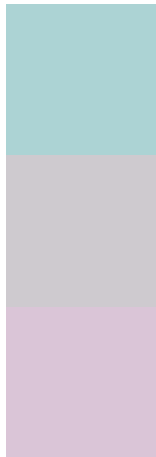


This preview shows how white text looks on a background with the CIELCh color 82, 13.411, 200.759.

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, 13.411, 200.759

Protanopia

82, 3.046, 318.847

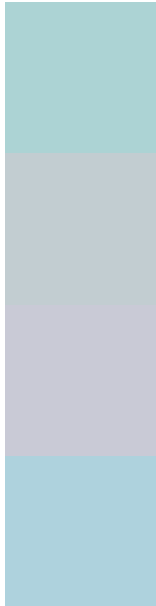
Deuteranopia

82, 12.246, 329.159



Tritanopia
82, 14.288, 238.084

Trichromacy



Original Color
82, 13.411, 200.759

Protanomaly
82, 4.421, 227.985

Deuteranomaly
82, 6.377, 287.554

Tritanomaly
82, 13.334, 224.711

Monochromacy



Original Color
82, 13.411, 200.759

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 5.015, 199.141

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 13.411, 200.759 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(172, 211, 212)` looks like.

```
.text, #text, p{  
    color:rgb(172, 211, 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(172, 211, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 211, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 13.411, 200.759 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(172, 211, 212) }
```

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

```
.border{ border-color:rgb(172, 211, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 211, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 211, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 211, 212);  
box-shadow:4px 4px 4px 4px rgb(172, 211,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 13.411, 200.759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 211, 212) }
```

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

```
.background{ background-color: rgb(172,  
211, 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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