

Converting Colors

CIELCh(82, 17.274, 198.204)

Have a look what the booklet for
CIELCh(82, 17.274, 198.204)
contains.

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Color

CIELCh(82, 17.237, 198.203)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A2D5D5 |
| RGB | 162, 213, 213 |
| RGB Percent | 64%, 84%, 84% |
| CMY | 0.3634, 0.1634, 0.1634 |
| CMYK | 0.24, 0.00, 0.00, 0.16 |
| HSL | 180°, 38%, 74% |
| HSV | 180°, 24%, 84% |
| XYZ | 50.9018, 60.2982, 72.1334 |
| YIQ | 197.7510, -30.3960, -10.8120 |

Conversions

Conversions Part 2

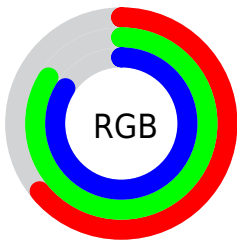
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 162, 188, 213 |
| Decimal | 10671573 |
| CIELab | 82.00, -16.37, -5.38 |
| CIELCh | 82, 17.237, 198.203 |
| Yxy | 60.2982, 0.2776, 0.3289 |
| Android (android.graphics.Color) | 4288861653 (0xFFA2D5D5) |
| YUV | 197.7510, 7.5178, -31.3536 |
| Hunter-Lab | 77.6519, -18.8819, -0.7201 |

Details

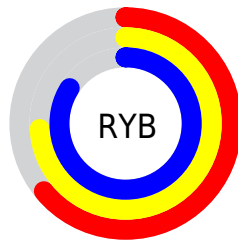
The CIELCh color **82, 17.237, 198.203** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 20.220, 21.216**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 12.449, 198.674**, and **62, 17.095, 197.910** is the 20% darker color. If you saturate the color by 10%, you get **81, 23.526, 197.751**, and if you desaturate by 10%, it is **83, 10.348, 198.708**.

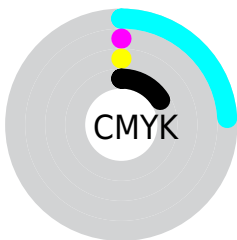
Distribution



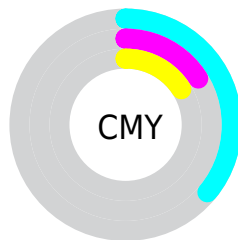
- Red (64%)
- Green (84%)
- Blue (84%)



- Red (64%)
- Yellow (74%)
- Blue (84%)



- Cyan (24%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)





- Cyan (36%)
- Magenta (16%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 17.237, 198.203 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, 17.237, 198.203 by changing the saturation by 10% instead.


 82, 17.237,
198.203


 82, 17.237,
198.203


 100, 17.237,
198.203


 72, 17.237,
198.203

 62, 17.237,
198.203

 52, 17.237,
198.203

 42, 17.237,
198.203

 32, 17.237,
198.203

 22, 17.237,
198.203

 12, 17.237,

198.203

■ 2, 17.237, 198.203

■ 0, 17.237, 198.203

■ 82, 17.237,
198.203

■ 82, 17.237,
198.203

■ 81, 23.526,
197.751

■ 83, 10.348,
198.708

■ 80, 29.092,
197.364

■ 85, 2.983, 199.377

■ 86, 4.744, 19.625

■ 79, 33.826,
197.041

■ 88, 12.727, 20.291

■ 79, 37.643,
196.784

■ 89, 15.512, 20.505

■ 78, 40.503,

■ 89, 15.512, 20.502

196.594

89, 15.511, 20.499

78, 42.417,
196.467

89, 15.511, 20.496

78, 43.461,
196.398

89, 15.511, 20.493

78, 43.807,
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, 17.237, 198.203



71, 20.220, 21.216

Rectangle

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



82, 17.237, 198.203



82, 17.237, 248.203



82, 17.237, 18.203



82, 17.237, 68.203

Sweetspot

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



82, 17.238, 198.198



99, 6.127, 199.119



81, 32.894, 142.453



53, 3.975, 199.078



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, 17.238, 198.198



95, 23.690, 197.950



75, 15.731, 257.109



44, 4.287, 198.967



63, 37.125, 196.375



15, 14.559, 196.377

Inverse Universe

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



71, 20.220, 21.216



81, 28.928, 21.819



77, 16.891, 70.683



42, 4.550, 19.923



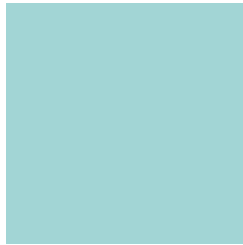
35, 77.346, 39.896



5, 22.000, 19.764

Previews

White Background



This preview shows how the CIE LCh color 82, 17.237, 198.203 looks on a white background.

Color Contrast Check

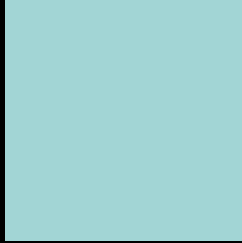
Large Text (above 18pt) WCAG AA × Fail

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, 17.237, 198.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

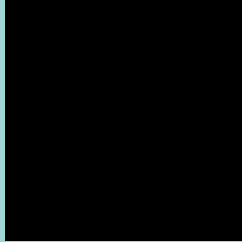
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

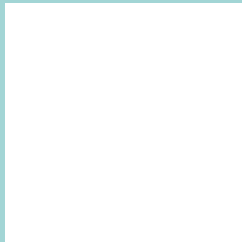
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 17.237, 198.203

Background



This preview shows how black text looks on a background with the CIELCh color 82, 17.237, 198.203.

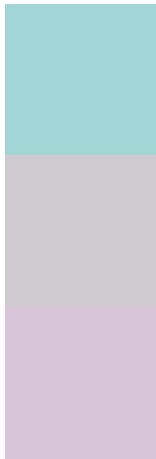


This preview shows how white text looks on a background with the CIELCh color 82, 17.237, 198.203.

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, 17.237, 198.203

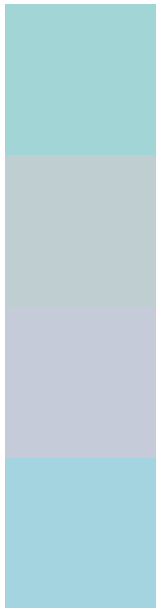
Protanopia
82, 3.046, 318.847

Deuteranopia
82, 12.878, 324.926



Tritanopia
82, 17.298, 230.101

Trichromacy



Original Color
82, 17.237, 198.203

Protanomaly
82, 5.860, 214.885

Deuteranomaly
82, 7.177, 273.668

Tritanomaly
82, 16.755, 218.875

Monochromacy



Original Color
82, 17.237, 198.203

Achromatopsia
80, 0.010, 296.813

Achromatomaly
81, 6.765, 198.982

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 17.237, 198.203 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(162, 213, 213)` looks like.

```
.text, #text, p{  
    color:rgb(162, 213, 213)  
}
```

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(162, 213, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 213, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 17.237, 198.203 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(162, 213, 213) }
```

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

```
.border{ border-color:rgb(162, 213, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 213, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 213, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 213, 213);  
box-shadow:4px 4px 4px 4px rgb(162, 213,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 17.237, 198.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 213, 213) }
```

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

```
.background{ background-color: rgb(162,  
213, 213) }
```

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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