

Converting Colors

CIELCh(82, 18.895, 192.764)

Have a look what the booklet for
CIELCh(82, 18.895, 192.764)
contains.

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Color

CIELCh(82, 18.697, 193.180)

Conversions

Conversions Part 1

Format	Color
Hex	9FD6D3
RGB	159, 214, 211
RGB Percent	62%, 84%, 83%
CMY	0.3757, 0.1600, 0.1718
CMYK	0.26, 0.00, 0.01, 0.16
HSL	177°, 40%, 73%
HSV	177°, 26%, 84%
XYZ	50.2166, 60.2982, 70.7504
YIQ	197.2130, -31.8170, -12.5930

Conversions

Conversions Part 2

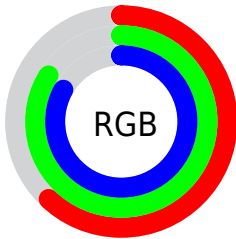
Format	Color
RYB	159, 187, 214
Decimal	10475219
CIELab	82.00, -18.20, -4.26
CIELCh	82, 18.697, 193.180
Yxy	60.2982, 0.2770, 0.3327
Android (android.graphics.Color)	4288665299 (0xFF9FD6D3)
YUV	197.2130, 6.7970, -33.5128
Hunter-Lab	77.6519, -20.4569, 0.3358

Details

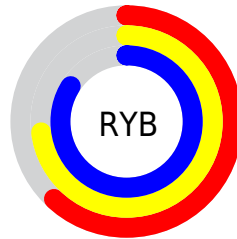
The CIELCh color **82, 18.697, 193.180** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 21.827, 17.187**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 13.412, 198.611**, and **62, 18.484, 194.273** is the 20% darker color. If you saturate the color by 10%, you get **81, 25.064, 192.518**, and if you desaturate by 10%, it is **83, 11.752, 193.857**.

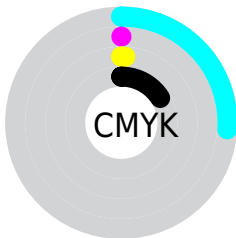
Distribution



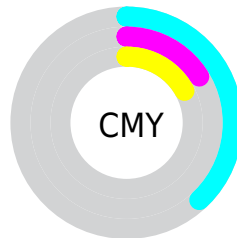
- Red (62%)
- Green (84%)
- Blue (83%)



- Red (62%)
- Yellow (73%)
- Blue (84%)



- Cyan (26%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)





- Cyan (38%)
- Magenta (16%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 18.697, 193.180 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, 18.697, 193.180 by changing the saturation by 10% instead.


 82, 18.697,
193.180


 82, 18.697,
193.180


 100, 18.697,
193.180


 72, 18.697,
193.180


 62, 18.697,
193.180

 52, 18.697,
193.180

 42, 18.697,
193.180

 32, 18.697,
193.180

 22, 18.697,
193.180

 12, 18.697,

193.180

■ 2, 18.697, 193.180

■ 0, 18.697, 193.180

■ 82, 18.697,
193.180

■ 82, 18.697,
193.180

■ 81, 25.064,
192.518

■ 83, 11.752,
193.857

■ 80, 30.724,
191.874

■ 85, 4.355, 194.614

■ 86, 3.376, 14.996

■ 79, 35.564,
191.239

■ 88, 11.337, 15.806

■ 79, 39.495,
190.606

■ 89, 15.164, 14.945

■ 78, 42.472,

■ 89, 15.203, 12.676

189.962

89, 15.267, 10.422

78, 44.506,
189.295

89, 15.356, 8.191

78, 45.680,
188.592

89, 15.468, 5.990

78, 46.035,
188.282

Harmonies

Complementary

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



82, 18.697, 193.180



71, 21.827, 17.187

Rectangle

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



82, 18.697, 193.180



82, 18.697, 243.180



82, 18.697, 13.180



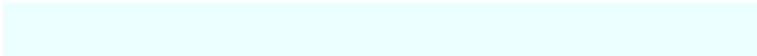
82, 18.697, 63.180

Sweetspot

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



82, 18.698, 193.176



99, 7.032, 194.412



81, 34.873, 141.073



52, 4.981, 194.295



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, 18.698, 193.176



95, 25.504, 192.803



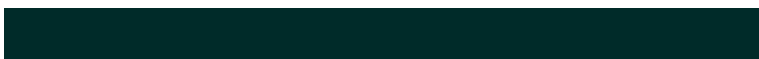
76, 16.246, 251.495



44, 4.318, 194.309



63, 38.863, 188.400



15, 15.098, 189.803

Inverse Universe

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



71, 21.827, 17.187



79, 30.925, 17.915



77, 17.945, 65.020



42, 4.555, 15.510



35, 75.090, 37.653



5, 21.967, 17.332

Previews

White Background



This preview shows how the CIELCh color 82, 18.697, 193.180 looks on a white background.

Color Contrast Check

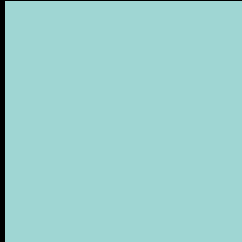
Large Text (above 18pt) WCAG AA × Fail

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, 18.697, 193.180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

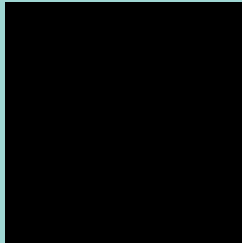
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

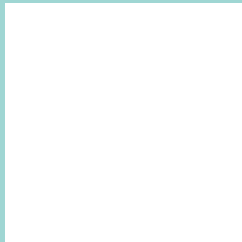
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 18.697, 193.180

Background



This preview shows how black text looks on a background with the CIELCh color 82, 18.697, 193.180.

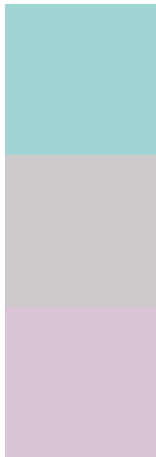


This preview shows how white text looks on a background with the CIELCh color 82, 18.697, 193.180.

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, 18.697, 193.180

Protanopia
82, 1.819, 343.580

Deuteranopia
82, 12.246, 329.159



Tritanopia
82, 17.856, 226.961

Trichromacy



Original Color
82, 18.697, 193.180

Protanomaly
82, 6.058, 204.089

Deuteranomaly
82, 6.176, 270.603

Tritanomaly
82, 17.391, 214.316

Monochromacy



Original Color
82, 18.697, 193.180

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 7.163, 194.670

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 18.697, 193.180 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(159, 214, 211)` looks like.

```
.text, #text, p{  
    color:rgb(159, 214, 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(159, 214, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 214, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 18.697, 193.180 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(159, 214, 211) }
```

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

```
.border{ border-color:rgb(159, 214, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 214, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 214, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 214, 211);  
box-shadow:4px 4px 4px 4px rgb(159, 214,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 18.697, 193.180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 214, 211) }
```

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

```
.background{ background-color: rgb(159,  
214, 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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