

Converting Colors

CIELCh(82, 22.996, 197.573)

Have a look what the booklet for
CIELCh(82, 22.996, 197.573)
contains.

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Color

CIELCh(82, 22.851, 197.820)

Conversions

Conversions Part 1

Format	Color
Hex	92D8D8
RGB	146, 216, 216
RGB Percent	57%, 85%, 85%
CMY	0.4268, 0.1522, 0.1522
CMYK	0.32, 0.00, 0.00, 0.15
HSL	180°, 47%, 71%
HSV	180°, 32%, 85%
XYZ	48.9050, 60.2982, 74.1483
YIQ	195.0700, -41.7200, -14.8400

Conversions

Conversions Part 2

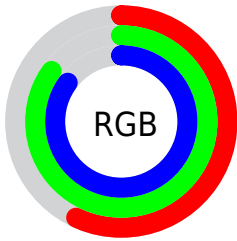
Format	Color
RYB	146, 181, 216
Decimal	9623768
CIELab	82.00, -21.75, -6.99
CIELCh	82, 22.851, 197.820
Yxy	60.2982, 0.2667, 0.3289
Android (android.graphics.Color)	4287813848 (0xFF92D8D8)
YUV	195.0700, 10.3185, -43.0344
Hunter-Lab	77.6519, -23.4719, -2.2585

Details

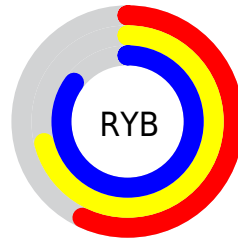
The CIELCh color **82, 22.851, 197.820** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **68, 28.578, 22.211**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 17.489, 198.347**, and **62, 22.791, 197.440** is the 20% darker color. If you saturate the color by 10%, you get **81, 28.594, 197.421**, and if you desaturate by 10%, it is **83, 16.395, 198.273**.

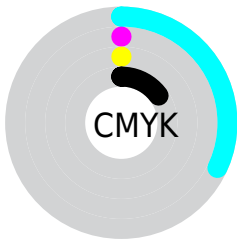
Distribution



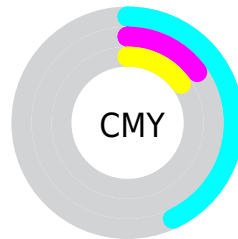
- Red (57%)
- Green (85%)
- Blue (85%)



- Red (57%)
- Yellow (71%)
- Blue (85%)



- Cyan (32%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)





- Cyan (43%)
- Magenta (15%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 22.851, 197.820 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, 22.851, 197.820 by changing the saturation by 10% instead.


 82, 22.851,
197.820


 82, 22.851,
197.820


 100, 22.851,
197.820


 72, 22.851,
197.820

 62, 22.851,
197.820

 52, 22.851,
197.820

 42, 22.851,
197.820

 32, 22.851,
197.820

 22, 22.851,
197.820

 12, 22.851,

197.820

■ 2, 22.851, 197.820

■ 0, 22.851, 197.820

■ 82, 22.851,
197.820

■ 82, 22.851,
197.820

■ 81, 28.594,
197.421

■ 83, 16.395,
198.273

■ 80, 33.510,
197.088

■ 85, 9.351, 198.795

■ 80, 37.510,
196.821

■ 86, 1.843, 199.586

■ 88, 6.013, 19.740

■ 79, 40.543,
196.621

■ 90, 14.114, 20.390

■ 79, 42.614,

■ 90, 14.391, 20.410

196.485

90, 14.391, 20.407

79, 43.790,
196.409

90, 14.391, 20.405

79, 44.243,
196.379

90, 14.391, 20.403

Harmonies

Complementary

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



82, 22.851, 197.820



68, 28.578, 22.211

Rectangle

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



82, 22.851, 197.820



82, 22.851, 247.820



82, 22.851, 17.820



82, 22.851, 67.820

Sweetspot

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



82, 22.851, 197.817



98, 8.687, 198.928



80, 44.946, 141.745



52, 5.905, 198.845



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, 22.851, 197.817



94, 30.521, 197.534



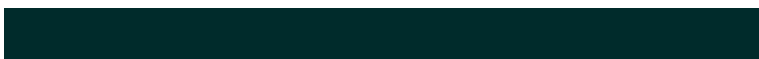
73, 21.378, 258.743



44, 4.287, 198.969



63, 37.124, 196.379



15, 14.559, 196.380

Inverse Universe

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



68, 28.578, 22.211



74, 40.330, 23.213



76, 23.627, 69.647



42, 4.550, 19.925



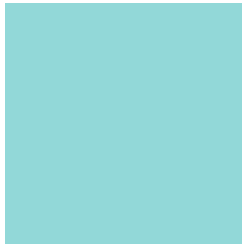
35, 77.347, 39.897



5, 22.000, 19.765

Previews

White Background



This preview shows how the CIE LCh color 82, 22.851, 197.820 looks on a white background.

Color Contrast Check

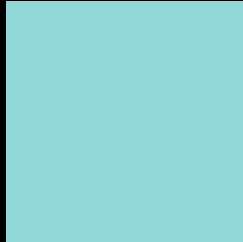
Large Text (above 18pt) WCAG AA × Fail

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, 22.851, 197.820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

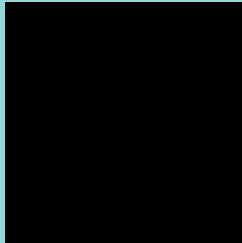
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

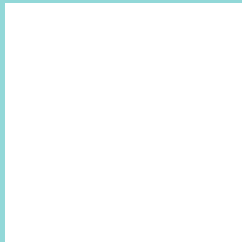
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 22.851, 197.820

Background



This preview shows how black text looks on a background with the CIELCh color 82, 22.851, 197.820.



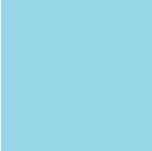
This preview shows how white text looks on a background with the CIELCh color 82, 22.851, 197.820.

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](#).

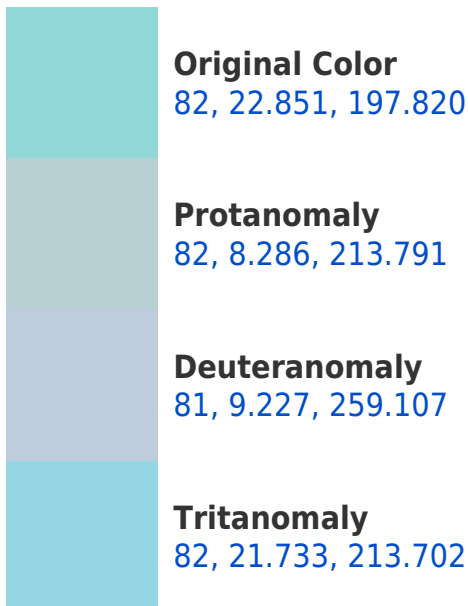
Dichromacy



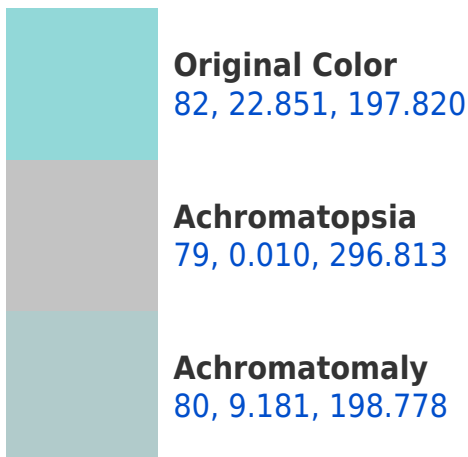


Tritanopia
82, 21.885, 222.640

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 22.851, 197.820 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(146, 216, 216)` looks like.

```
.text, #text, p{  
    color:rgb(146, 216, 216)  
}
```

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(146, 216, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 216, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 22.851, 197.820 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(146, 216, 216) }
```

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

```
.border{ border-color:rgb(146, 216, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 216, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 216, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 216, 216);  
box-shadow:4px 4px 4px 4px rgb(146, 216,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 22.851, 197.820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 216, 216) }
```

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

```
.background{ background-color: rgb(146,  
216, 216) }
```

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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