

Converting Colors

CIELCh(81, 22.047, 198.448)

Have a look what the booklet for
CIELCh(81, 22.047, 198.448)
contains.

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Color

CIELCh(81, 22.016, 197.862)

Conversions

Conversions Part 1

Format	Color
Hex	92D5D5
RGB	146, 213, 213
RGB Percent	57%, 84%, 84%
CMY	0.4276, 0.1649, 0.1649
CMYK	0.31, 0.00, 0.00, 0.16
HSL	180°, 44%, 70%
HSV	180°, 31%, 84%
XYZ	47.6308, 58.4711, 71.6927
YIQ	192.9670, -39.9320, -14.2040

Conversions

Conversions Part 2

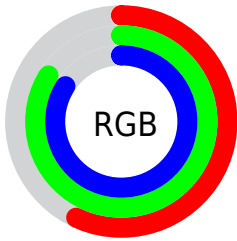
Format	Color
RYB	146, 180, 213
Decimal	9622997
CIELab	81.00, -20.95, -6.75
CIELCh	81, 22.016, 197.862
Yxy	58.4711, 0.2679, 0.3289
Android (android.graphics.Color)	4287813077 (0xFF92D5D5)
YUV	192.9670, 9.8763, -41.1901
Hunter-Lab	76.4664, -22.6289, -2.0621

Details

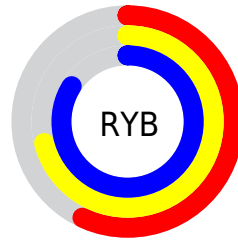
The CIELCh color **81, 22.016, 197.862** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 27.332, 22.090**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 17.489, 198.347**, and **61, 21.995, 197.482** is the 20% darker color. If you saturate the color by 10%, you get **80, 27.762, 197.457**, and if you desaturate by 10%, it is **82, 15.579, 198.320**.

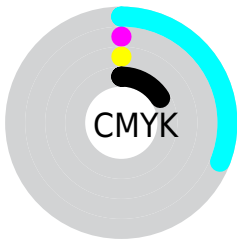
Distribution



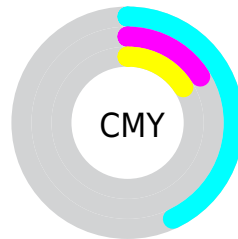
- Red (57%)
- Green (84%)
- Blue (84%)



- Red (57%)
- Yellow (71%)
- Blue (84%)



- Cyan (31%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (43%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 22.016, 197.862 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 81, 22.016, 197.862 by changing the saturation by 10% instead.

■ 81, 22.016,
197.862

■ 81, 22.016,
197.862

■ 100, 22.016,
197.862

■ 71, 22.016,
197.862

■ 61, 22.016,
197.862

■ 51, 22.016,
197.862

■ 41, 22.016,
197.862

■ 31, 22.016,
197.862

■ 21, 22.016,
197.862

■ 11, 22.016,

197.862

■ 1, 22.016, 197.862

■ 0, 22.016, 197.862

■ 81, 22.016,
197.862

■ 81, 22.016,
197.862

■ 80, 27.762,
197.457

■ 82, 15.579,
198.320

■ 79, 32.701,
197.118

■ 84, 8.572, 198.849

■ 79, 36.743,
196.846

■ 85, 1.119, 199.838

■ 87, 6.668, 19.805

■ 78, 39.834,
196.639

■ 89, 14.688, 20.448

■ 78, 41.972,

■ 89, 15.667, 20.522

196.498

89, 15.667, 20.521

78, 43.217,
196.415

89, 15.667, 20.519

77, 43.746,
196.380

89, 15.667, 20.518

Harmonies

Complementary

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



81, 22.016, 197.862



67, 27.332, 22.090

Rectangle

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



81, 22.016, 197.862



81, 22.016, 247.862



81, 22.016, 17.862



81, 22.016, 67.862

Sweetspot

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



81, 22.016, 197.859



98, 7.839, 198.991



80, 43.155, 141.828



52, 5.426, 198.902



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



81, 22.016, 197.859



94, 29.876, 197.574



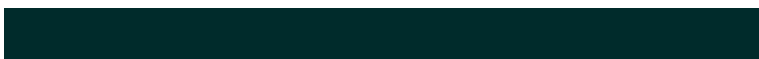
72, 20.535, 258.547



44, 4.287, 198.970



63, 37.124, 196.381



15, 14.559, 196.382

Inverse Universe

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



67, 27.332, 22.090



75, 39.161, 23.057



75, 22.622, 69.763



42, 4.550, 19.926



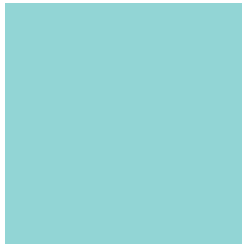
35, 77.347, 39.897



5, 22.000, 19.765

Previews

White Background



This preview shows how the CIE LCh color 81, 22.016, 197.862 looks on a white background.

Color Contrast Check

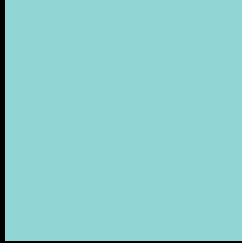
Large Text (above 18pt) WCAG AA × Fail

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 81, 22.016, 197.862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

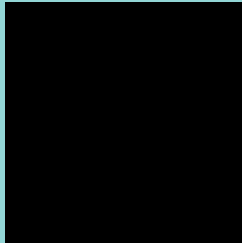
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

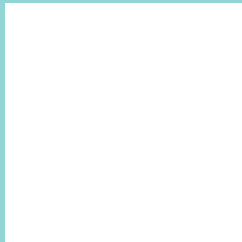
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 22.016, 197.862

Background



This preview shows how black text looks on a background with the CIELCh color 81, 22.016, 197.862.

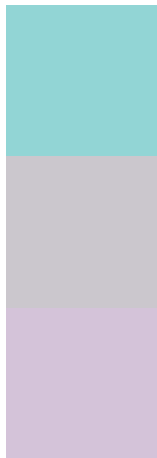


This preview shows how white text looks on a background with the CIELCh color 81, 22.016, 197.862.

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

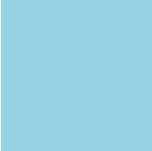
81, 22.016, 197.862

Protanopia

81, 3.529, 314.740

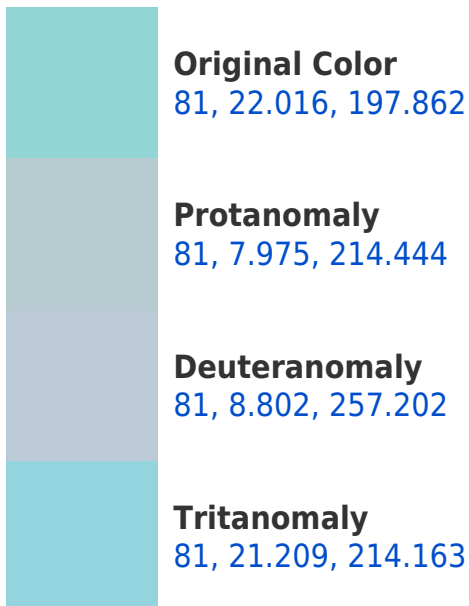
Deuteranopia

81, 13.256, 318.412

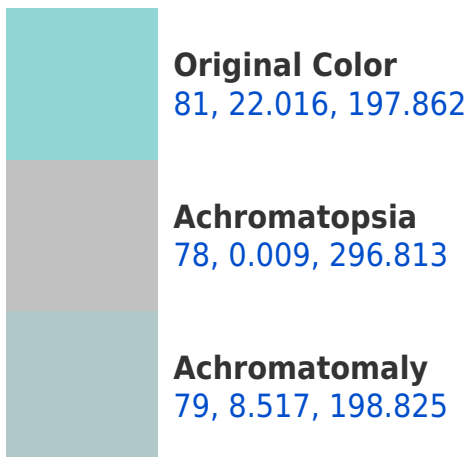


Tritanopia
81, 21.396, 223.329

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 22.016, 197.862 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, 213, 213)` looks like.

```
.text, #text, p{  
    color:rgb(146, 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(146, 213, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 213, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 22.016, 197.862 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, 213, 213) }
```

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

```
.border{ border-color:rgb(146, 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(146, 213, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 213, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 213, 213);  
box-shadow:4px 4px 4px 4px rgb(146, 213,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 22.016, 197.862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 213, 213) }
```

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

```
.background{ background-color: rgb(146,  
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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