

Converting Colors

CIELCh(81, 42.243, 178.792)

Have a look what the booklet for
CIELCh(81, 42.243, 178.792)
contains.

CIELCh(81, 42.181, 178.791)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(81, 42.181, 178.791)

Conversions

Conversions Part 1

Format	Color
Hex	58DEC6
RGB	88, 222, 198
RGB Percent	35%, 87%, 78%
CMY	0.6543, 0.1289, 0.2231
CMYK	0.60, 0.00, 0.11, 0.13
HSL	169°, 67%, 61%
HSV	169°, 60%, 87%
XYZ	40.3976, 58.4711, 62.6541
YIQ	179.1980, -72.1600, -35.8720

Conversions

Conversions Part 2

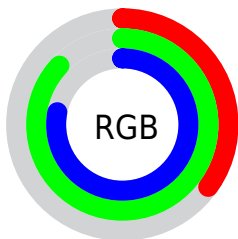
Format	Color
RYB	88, 162, 222
Decimal	5824198
CIELab	81.00, -42.17, 0.89
CIELCh	81, 42.181, 178.791
Yxy	58.4711, 0.2501, 0.3620
Android (android.graphics.Color)	4284014278 (0xFF58DEC6)
YUV	179.1980, 9.2694, -79.9806
Hunter-Lab	76.4664, -39.5137, 4.9462

Details

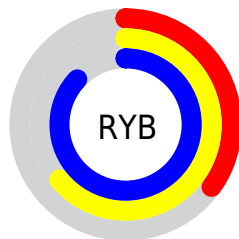
The CIELCh color **81, 42.181, 178.791** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **56, 55.997, 14.479**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 31.890, 197.456**, and **61, 41.404, 178.385** is the 20% darker color. If you saturate the color by 10%, you get **80, 46.672, 177.487**, and if you desaturate by 10%, it is **82, 36.787, 179.977**.

Distribution



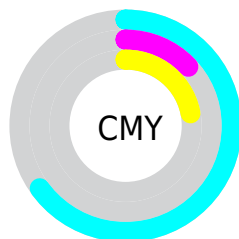
- Red (35%)
- Green (87%)
- Blue (78%)



- Red (35%)
- Yellow (64%)
- Blue (87%)



- Cyan (60%)
- Magenta (0%)
- Yellow (11%)
- Black (13%)





- Cyan (65%)
- Magenta (13%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 42.181, 178.791 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, 42.181, 178.791 by changing the saturation by 10% instead.


 81, 42.181,
178.791


 81, 42.181,
178.791


 100, 42.181,
178.791


 71, 42.181,
178.791

 61, 42.181,
178.791

 51, 42.181,
178.791

 41, 42.181,
178.791

 31, 42.181,
178.791

 21, 42.181,
178.791

 11, 42.181,

178.791

■ 1, 42.181, 178.791

■ 0, 42.181, 178.791

■ 81, 42.181,
178.791

■ 81, 42.181,
178.791

■ 80, 46.672,
177.487

■ 82, 36.787,
179.977

■ 80, 50.218,
176.047

■ 83, 30.581,
181.073

■ 80, 52.847,
174.451

■ 84, 23.689,
182.098

■ 79, 54.704,
172.780

■ 85, 16.247,
183.069

■ 87, 8.395, 184.014

■ 88, 0.259, 186.980

■ 90, 8.051, 5.597

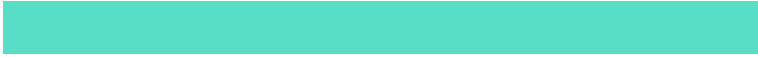
■ 91, 12.594, 1.604

■ 91, 13.338,
353.182

Harmonies

Complementary

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



81, 42.181, 178.791



56, 55.997, 14.479

Rectangle

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



81, 42.181, 178.791



81, 42.181, 228.791



81, 42.181, 358.791



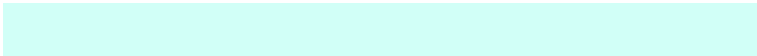
81, 42.181, 48.791

Sweetspot

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



81, 42.181, 178.790



97, 16.167, 183.275



80, 78.440, 135.590



51, 11.169, 182.997



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, 42.181, 178.790



91, 52.773, 177.178



69, 33.041, 243.281



46, 4.664, 184.098



64, 45.804, 173.075



17, 18.147, 176.283

Inverse Universe

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



56, 55.997, 14.479



59, 74.061, 18.585



64, 49.128, 50.366



44, 4.853, 5.659



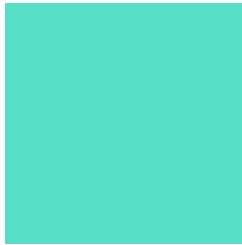
37, 71.191, 30.768



6, 25.283, 13.358

Previews

White Background



This preview shows how the CIE LCh color 81, 42.181, 178.791 looks on a white background.

Color Contrast Check

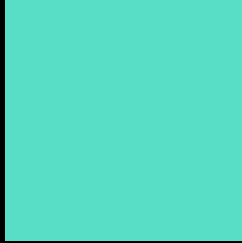
Large Text (above 18pt) WCAG AA × Fail

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, 42.181, 178.791 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

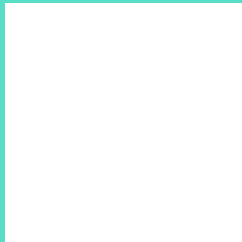
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 42.181, 178.791

Background



This preview shows how black text looks on a background with the CIELCh color 81, 42.181, 178.791.

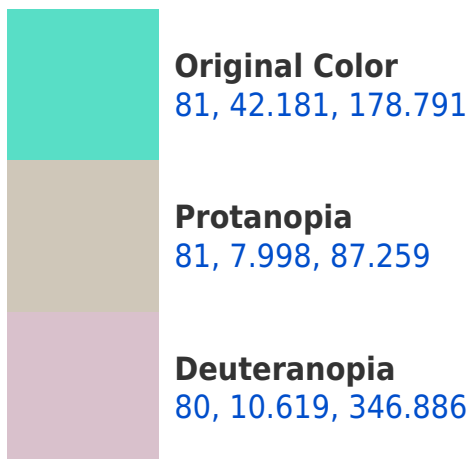



This preview shows how white text looks on a background with the CIELCh color 81, 42.181, 178.791.

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



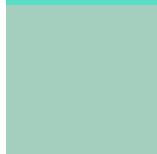


Tritanopia
81, 33.246, 213.259

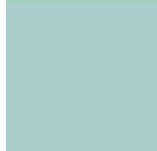
Trichromacy



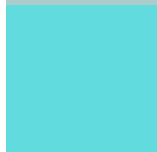
Original Color
81, 42.181, 178.791



Protanomaly
80, 17.959, 167.777



Deuteranomaly
80, 11.989, 193.427

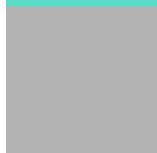


Tritanomaly
81, 35.097, 198.777

Monochromacy



Original Color
81, 42.181, 178.791



Achromatopsia
73, 0.009, 296.813



Achromatomaly
75, 17.940, 182.266

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 42.181, 178.791 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(88, 222, 198)` looks like.

```
.text, #text, p{  
    color:rgb(88, 222, 198)  
}
```

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(88, 222, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 222, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 42.181, 178.791 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(88, 222, 198) }
```

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

```
.border{ border-color:rgb(88, 222, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 222, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 222, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 222, 198);  
box-shadow:4px 4px 4px 4px rgb(88, 222,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 42.181, 178.791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 222, 198) }
```

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

```
.background{ background-color: rgb(88, 222,  
198) }
```

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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