

Converting Colors

CIELCh(81, 26.827, 188.347)

Have a look what the booklet for
CIELCh(81, 26.827, 188.347)
contains.

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Color

CIELCh(81, 26.844, 188.322)

Conversions

Conversions Part 1

Format	Color
Hex	86D7CF
RGB	134, 215, 207
RGB Percent	53%, 84%, 81%
CMY	0.4727, 0.1550, 0.1864
CMYK	0.38, 0.00, 0.04, 0.16
HSL	174°, 51%, 69%
HSV	174°, 38%, 84%
XYZ	45.6419, 58.4711, 68.2061
YIQ	189.8690, -45.7080, -19.6600

Conversions

Conversions Part 2

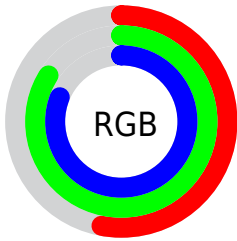
Format	Color
RYB	134, 177, 215
Decimal	8837071
CIELab	81.00, -26.56, -3.89
CIElCh	81, 26.844, 188.322
Yxy	58.4711, 0.2649, 0.3393
Android (android.graphics.Color)	4287027151 (0xFF86D7CF)
YUV	189.8690, 8.4456, -48.9971
Hunter-Lab	76.4664, -27.2716, 0.6413

Details

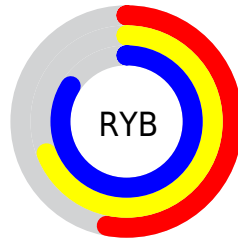
The CIELCh color **81, 26.844, 188.322** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **65, 33.222, 15.493**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.100, 198.118**, and **61, 26.781, 188.514** is the 20% darker color. If you saturate the color by 10%, you get **80, 32.607, 187.493**, and if you desaturate by 10%, it is **82, 20.384, 189.127**.

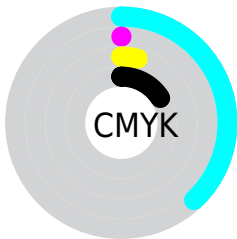
Distribution



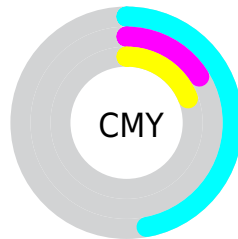
- Red (53%)
- Green (84%)
- Blue (81%)



- Red (53%)
- Yellow (69%)
- Blue (84%)



- Cyan (38%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)





- Cyan (47%)
- Magenta (16%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 26.844, 188.322 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, 26.844, 188.322 by changing the saturation by 10% instead.


 81, 26.844,
188.322


 81, 26.844,
188.322


 100, 26.844,
188.322


 71, 26.844,
188.322

 61, 26.844,
188.322

 51, 26.844,
188.322

 41, 26.844,
188.322

 31, 26.844,
188.322

 21, 26.844,
188.322

 11, 26.844,

188.322

■ 1, 26.844, 188.322

■ 0, 26.844, 188.322

■ 81, 26.844,
188.322

■ 81, 26.844,
188.322

■ 80, 32.607,
187.493

■ 82, 20.384,
189.127

■ 79, 37.554,
186.635

■ 83, 13.355,
189.926

■ 79, 41.596,
185.730

■ 85, 5.888, 190.754

■ 78, 44.690,
184.761

■ 87, 1.897, 11.124

■ 88, 9.893, 12.123

■ 78, 46.853,

183.711

90, 14.755, 10.866

78, 48.197,
182.567

90, 14.929, 6.684

78, 48.467,
182.289

90, 15.183, 2.623

90, 15.513,
358.718

Harmonies

Complementary

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



81, 26.844, 188.322



65, 33.222, 15.493

Rectangle

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



81, 26.844, 188.322



81, 26.844, 238.322



81, 26.844, 8.322



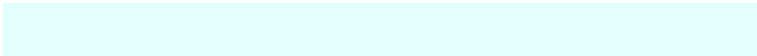
81, 26.844, 58.322

Sweetspot

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



81, 26.845, 188.319



98, 9.709, 190.454



80, 50.544, 139.317



52, 6.505, 190.341



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, 26.845, 188.319



93, 35.685, 187.674



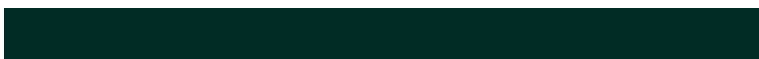
72, 22.851, 249.548



44, 4.363, 190.596



63, 40.698, 182.490



15, 15.651, 184.835

Inverse Universe

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



65, 33.222, 15.493



71, 46.438, 16.930



72, 27.245, 60.158



42, 4.580, 11.955



35, 73.281, 35.637



5, 21.967, 15.358

Previews

White Background



This preview shows how the CIE LCh color 81, 26.844, 188.322 looks on a white background.

Color Contrast Check

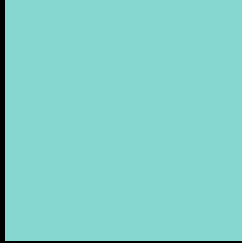
Large Text (above 18pt) WCAG AA × Fail

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, 26.844, 188.322 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

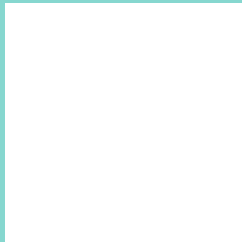
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 26.844, 188.322

Background



This preview shows how black text looks on a background with the CIELCh color 81, 26.844, 188.322.

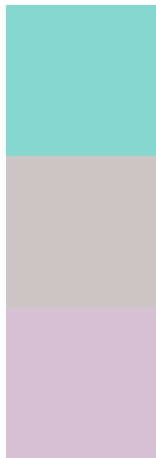


This preview shows how white text looks on a background with the CIELCh color 81, 26.844, 188.322.

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, 26.844, 188.322

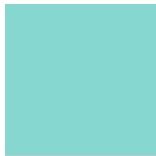
Protanopia
81, 1.909, 35.377

Deuteranopia
81, 12.057, 327.786



Tritanopia
81, 23.881, 220.396

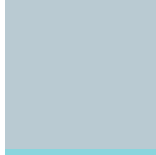
Trichromacy



Original Color
81, 26.844, 188.322



Protanomaly
80, 9.531, 185.812



Deuteranomaly
80, 7.256, 235.133

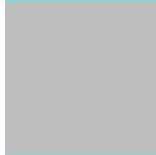


Tritanomaly
81, 24.012, 208.089

Monochromacy



Original Color
81, 26.844, 188.322



Achromatopsia
77, 0.009, 296.813



Achromatomaly
78, 10.458, 189.791

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 26.844, 188.322 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(134, 215, 207)` looks like.

```
.text, #text, p{  
    color:rgb(134, 215, 207)  
}
```

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(134, 215, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 215, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 26.844, 188.322 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(134, 215, 207) }
```

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

```
.border{ border-color:rgb(134, 215, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 215, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 215, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 215, 207); box-shadow:4px 4px 4px 4px rgb(134, 215, 207) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 26.844, 188.322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 215, 207) }
```

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

```
.background{ background-color: rgb(134,  
215, 207) }
```

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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