

Converting Colors

CIELCh(81, 27.797, 171.243)

Have a look what the booklet for
CIELCh(81, 27.797, 171.243)
contains.

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Color

CIELCh(81, 27.781, 171.260)

Conversions

Conversions Part 1

Format	Color
Hex	8FD7C0
RGB	143, 215, 192
RGB Percent	56%, 84%, 75%
CMY	0.4379, 0.1555, 0.2457
CMYK	0.33, 0.00, 0.11, 0.16
HSL	161°, 48%, 70%
HSV	161°, 33%, 84%
XYZ	45.3289, 58.4711, 58.9648
YIQ	190.8500, -35.5290, -22.4170

Conversions

Conversions Part 2

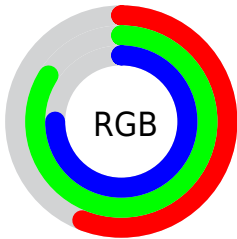
Format	Color
RYB	143, 186, 215
Decimal	9426880
CIELab	81.00, -27.46, 4.22
CIELCh	81, 27.781, 171.260
Yxy	58.4711, 0.2785, 0.3592
Android (android.graphics.Color)	4287616960 (0xFF8FD7C0)
YUV	190.8500, 0.5670, -41.9644
Hunter-Lab	76.4664, -28.0022, 7.8067

Details

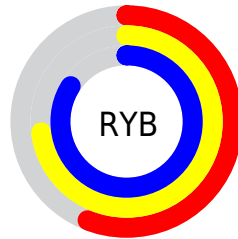
The CIELCh color **81, 27.781, 171.260** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **67, 30.473, 358.399**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 19.082, 187.341**, and **61, 27.793, 171.698** is the 20% darker color. If you saturate the color by 10%, you get **80, 35.318, 170.038**, and if you desaturate by 10%, it is **82, 19.783, 172.373**.

Distribution



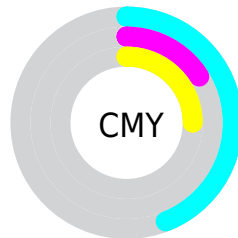
- Red (56%)
- Green (84%)
- Blue (75%)



- Red (56%)
- Yellow (73%)
- Blue (84%)



- Cyan (33%)
- Magenta (0%)
- Yellow (11%)
- Black (16%)





- Cyan (44%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 27.781, 171.260 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, 27.781, 171.260 by changing the saturation by 10% instead.


 81, 27.781,
171.260


 81, 27.781,
171.260


 100, 27.781,
171.260


 71, 27.781,
171.260

 61, 27.781,
171.260

 51, 27.781,
171.260

 41, 27.781,
171.260

 31, 27.781,
171.260

 21, 27.781,
171.260

 11, 27.781,

171.260

■ 1, 27.781, 171.260

■ 0, 27.781, 171.260

■ 81, 27.781,
171.260

■ 81, 27.781,
171.260

■ 80, 35.318,
170.038

■ 82, 19.783,
172.373

■ 79, 42.246,
168.688

■ 84, 11.462,
173.408

■ 78, 48.437,
167.182

■ 85, 2.948, 174.476

■ 78, 53.793,
165.496

■ 87, 5.651, 355.101

■ 89, 14.247,
355.983

■ 77, 58.272,

163.610

90, 17.143,
347.181

77, 61.911,
161.521

90, 19.252,
338.204

77, 63.979,
160.093

90, 21.756,
331.205

90, 24.532,
325.782

Harmonies

Complementary

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



81, 27.781, 171.260



67, 30.473, 358.399

Rectangle

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



81, 27.781, 171.260



81, 27.781, 221.260



81, 27.781, 351.260



81, 27.781, 41.260

Sweetspot

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



81, 27.782, 171.258



98, 9.805, 173.745



81, 41.906, 133.084



52, 6.683, 173.602



0, 0.000, 0.000



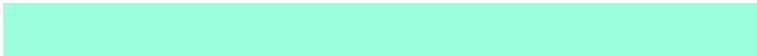
53, 0.007, 296.813

Same Dimension

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



81, 27.782, 171.258



93, 37.572, 170.424



78, 20.267, 216.719



44, 4.833, 173.814



62, 53.500, 160.476



15, 19.498, 165.213

Inverse Universe

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



67, 30.473, 358.399



75, 42.035, 359.487



70, 25.760, 36.070



42, 4.957, 355.451



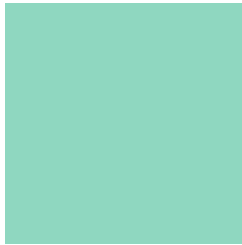
36, 64.276, 18.965



5, 22.345, 5.219

Previews

White Background



This preview shows how the CIELCh color 81, 27.781, 171.260 looks on a white background.

Color Contrast Check

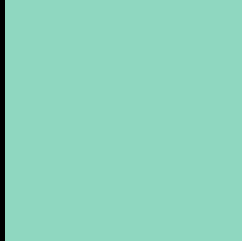
Large Text (above 18pt) WCAG AA × Fail

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, 27.781, 171.260 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

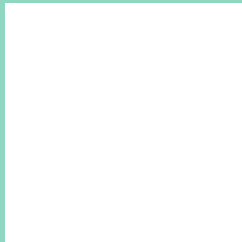
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 27.781, 171.260

Background



This preview shows how black text looks on a background with the CIELCh color 81, 27.781, 171.260.

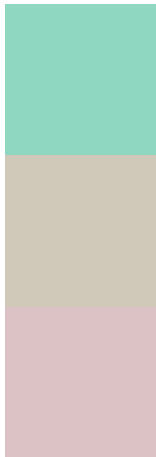


This preview shows how white text looks on a background with the CIELCh color 81, 27.781, 171.260.

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](#).

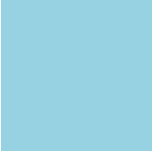
Dichromacy



Original Color
81, 27.781, 171.260

Protanopia
81, 8.984, 89.665

Deuteranopia
81, 10.227, 11.264



Tritanopia
81, 20.641, 224.382

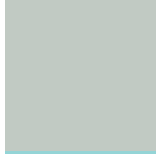
Trichromacy



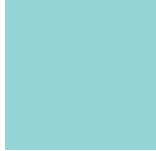
Original Color
81, 27.781, 171.260



Protanomaly
81, 13.003, 147.754



Deuteranomaly
80, 4.995, 151.097

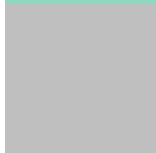


Tritanomaly
81, 21.048, 200.857

Monochromacy



Original Color
81, 27.781, 171.260



Achromatopsia
77, 0.009, 296.813



Achromatomaly
79, 10.624, 171.686

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 27.781, 171.260 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(143, 215, 192)` looks like.

```
.text, #text, p{  
    color:rgb(143, 215, 192)  
}
```

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(143, 215, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 215, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 27.781, 171.260 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(143, 215, 192) }
```

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

```
.border{ border-color:rgb(143, 215, 192) }
```

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

Here you see how a box with a 4 pixel rgb(143, 215, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 215, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 215, 192);  
box-shadow:4px 4px 4px 4px rgb(143, 215,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 27.781, 171.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 215, 192) }
```

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

```
.background{ background-color: rgb(143,  
215, 192) }
```

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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