

Converting Colors

CIELCh(82, 26.790, 183.090)

Have a look what the booklet for
CIELCh(82, 26.790, 183.090)
contains.

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Color

CIELCh(82, 26.715, 183.666)

Conversions

Conversions Part 1

Format	Color
Hex	8CDACE
RGB	140, 218, 206
RGB Percent	55%, 85%, 81%
CMY	0.4502, 0.1443, 0.1914
CMYK	0.36, 0.00, 0.06, 0.14
HSL	171°, 51%, 70%
HSV	171°, 36%, 86%
XYZ	47.1306, 60.2982, 67.6659
YIQ	193.3100, -42.6360, -20.2680

Conversions

Conversions Part 2

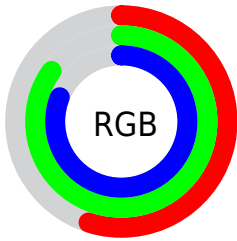
Format	Color
RYB	140, 182, 218
Decimal	9231054
CIELab	82.00, -26.66, -1.71
CIELCh	82, 26.715, 183.666
Yxy	60.2982, 0.2692, 0.3444
Android (android.graphics.Color)	4287421134 (0xFF8CDACE)
YUV	193.3100, 6.2562, -46.7529
Hunter-Lab	77.6519, -27.5509, 2.6910

Details

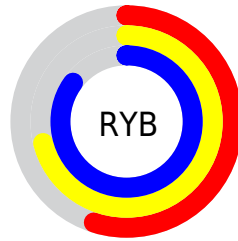
The CIELCh color **82, 26.715, 183.666** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **67, 31.794, 10.987**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 19.314, 198.231**, and **62, 26.872, 183.690** is the 20% darker color. If you saturate the color by 10%, you get **81, 32.997, 182.667**, and if you desaturate by 10%, it is **83, 19.798, 184.610**.

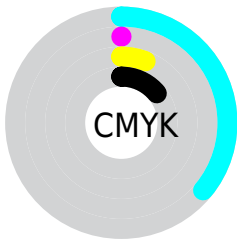
Distribution



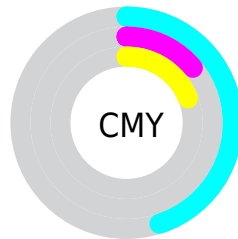
- Red (55%)
- Green (85%)
- Blue (81%)



- Red (55%)
- Yellow (71%)
- Blue (85%)



- Cyan (36%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)



- Cyan (45%)
- Magenta (14%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 26.715, 183.666 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, 26.715, 183.666 by changing the saturation by 10% instead.

 82, 26.715,
183.666

 82, 26.715,
183.666

 100, 26.715,
183.666


 72, 26.715,
183.666

 62, 26.715,
183.666

 52, 26.715,
183.666

 42, 26.715,
183.666

 32, 26.715,
183.666

 22, 26.715,
183.666

 12, 26.715,

183.666

■ 2, 26.715, 183.666

■ 0, 26.715, 183.666

■ 82, 26.715,
183.666

■ 82, 26.715,
183.666

■ 81, 32.997,
182.667

■ 83, 19.798,
184.610

■ 80, 38.515,
181.603

■ 85, 12.380,
185.524

■ 79, 43.165,
180.451

■ 86, 4.594, 186.464

■ 79, 46.883,
179.190

■ 88, 3.443, 7.016

■ 90, 11.629, 7.942

■ 79, 49.668,

177.799

90, 14.063, 3.036

78, 51.595,
176.262

90, 14.616,
356.493

78, 52.267,
175.591

91, 15.351,
350.513

91, 16.243,
345.148

Harmonies

Complementary

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



82, 26.715, 183.666



67, 31.794, 10.987

Rectangle

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



82, 26.715, 183.666



82, 26.715, 233.666



82, 26.715, 3.666



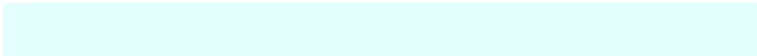
82, 26.715, 53.666

Sweetspot

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



82, 26.716, 183.664



98, 9.894, 185.948



81, 47.605, 137.753



52, 6.633, 185.822



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, 26.716, 183.664



93, 35.516, 182.909



75, 21.257, 240.092



45, 4.530, 186.102



63, 43.903, 175.861



16, 17.079, 178.941

Inverse Universe

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



67, 31.794, 10.987



72, 44.052, 12.350



72, 26.103, 53.091



43, 4.726, 7.610



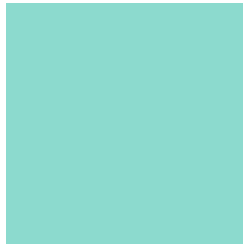
36, 71.571, 32.438



5, 23.722, 13.616

Previews

White Background



This preview shows how the CIELCh color 82, 26.715, 183.666 looks on a white background.

Color Contrast Check

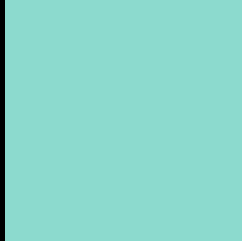
Large Text (above 18pt) WCAG AA × Fail

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, 26.715, 183.666 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

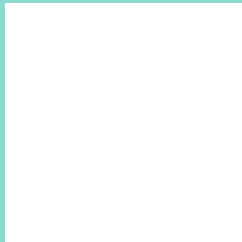
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 26.715, 183.666

Background



This preview shows how black text looks on a background with the CIELCh color 82, 26.715, 183.666.

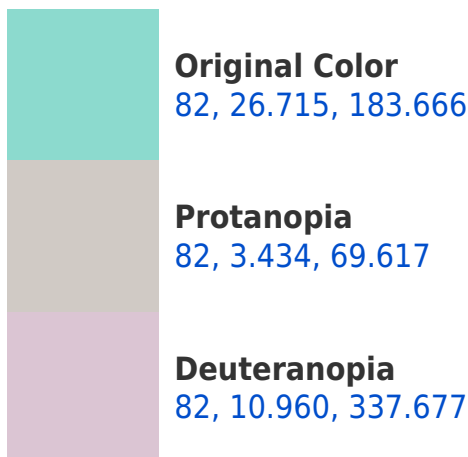


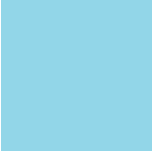
This preview shows how white text looks on a background with the CIELCh color 82, 26.715, 183.666.

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



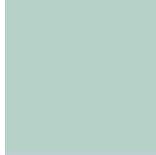


Tritanopia
82, 23.030, 222.758

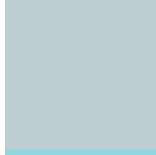
Trichromacy



Original Color
82, 26.715, 183.666



Protanomaly
81, 9.979, 173.524



Deuteranomaly
81, 5.686, 221.104

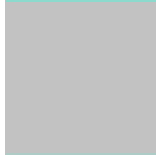


Tritanomaly
82, 23.189, 207.144

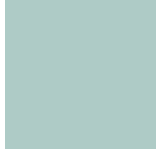
Monochromacy



Original Color
82, 26.715, 183.666



Achromatopsia
78, 0.009, 296.813



Achromatomaly
79, 10.705, 184.181

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 26.715, 183.666 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(140, 218, 206)` looks like.

```
.text, #text, p{  
    color:rgb(140, 218, 206)  
}
```

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(140, 218, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 218, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 26.715, 183.666 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(140, 218, 206) }
```

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

```
.border{ border-color:rgb(140, 218, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 218, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 218, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 218, 206);  
box-shadow:4px 4px 4px 4px rgb(140, 218,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 26.715, 183.666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 218, 206) }
```

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

```
.background{ background-color: rgb(140,  
218, 206) }
```

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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