

Converting Colors

CIELCh(82, 26.872, 186.403)

Have a look what the booklet for
CIELCh(82, 26.872, 186.403)
contains.

CIELCh(82, 26.716, 187.171)	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(82, 26.716, 187.171)

Conversions

Conversions Part 1

Format	Color
Hex	8ADAD1
RGB	138, 218, 209
RGB Percent	54%, 85%, 82%
CMY	0.4579, 0.1442, 0.1795
CMYK	0.37, 0.00, 0.04, 0.14
HSL	173°, 52%, 70%
HSV	173°, 37%, 86%
XYZ	47.1853, 60.2982, 69.6193
YIQ	193.0540, -44.7910, -19.7590

Conversions

Conversions Part 2

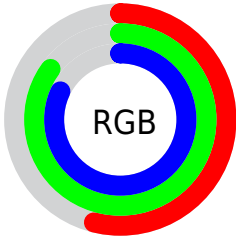
Format	Color
RYB	138, 180, 218
Decimal	9099985
CIELab	82.00, -26.51, -3.33
CIELCh	82, 26.716, 187.171
Yxy	60.2982, 0.2664, 0.3405
Android (android.graphics.Color)	4287290065 (0xFF8ADAD1)
YUV	193.0540, 7.8614, -48.2824
Hunter-Lab	77.6519, -27.4249, 1.1995

Details

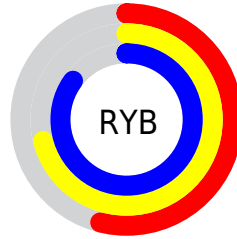
The CIELCh color **82, 26.716, 187.171** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **66, 32.641, 14.296**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 19.913, 198.193**, and **62, 26.743, 187.340** is the 20% darker color. If you saturate the color by 10%, you get **81, 32.685, 186.294**, and if you desaturate by 10%, it is **83, 20.066, 188.015**.

Distribution



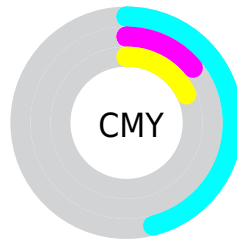
- Red (54%)
- Green (85%)
- Blue (82%)



- Red (54%)
- Yellow (71%)
- Blue (85%)



- Cyan (37%)
- Magenta (0%)
- Yellow (4%)
- Black (14%)





- Cyan (46%)
- Magenta (14%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 26.716, 187.171 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, 26.716, 187.171 by changing the saturation by 10% instead.


 82, 26.716,
187.171


 82, 26.716,
187.171


 100, 26.716,
187.171


 72, 26.716,
187.171

 62, 26.716,
187.171

 52, 26.716,
187.171

 42, 26.716,
187.171

 32, 26.716,
187.171

 22, 26.716,
187.171

 12, 26.716,

187.171

■ 2, 26.716, 187.171

■ 0, 26.716, 187.171

■ 82, 26.716,
187.171

■ 82, 26.716,
187.171

■ 81, 32.685,
186.294

■ 83, 20.066,
188.015

■ 80, 37.848,
185.379

■ 85, 12.864,
188.848

■ 80, 42.110,
184.407

■ 86, 5.245, 189.712

■ 79, 45.421,
183.358

■ 88, 2.673, 10.177

■ 90, 10.784, 11.111

■ 79, 47.788,

182.214

90, 13.777, 8.000

79, 49.306,
180.962

90, 14.055, 2.924

79, 49.717,
180.535

90, 14.443,
358.087

90, 14.932,
353.541

Harmonies

Complementary

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



82, 26.716, 187.171



66, 32.641, 14.296

Rectangle

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



82, 26.716, 187.171



82, 26.716, 237.171



82, 26.716, 7.171



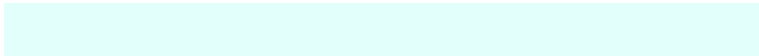
82, 26.716, 57.171

Sweetspot

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



82, 26.717, 187.168



98, 9.750, 189.316



81, 49.570, 138.975



52, 6.533, 189.200



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, 26.717, 187.168



93, 35.311, 186.496



74, 22.303, 247.139



45, 4.466, 189.460



64, 41.794, 180.752



16, 16.424, 183.204

Inverse Universe

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



66, 32.641, 14.296



72, 45.244, 15.691



73, 26.747, 58.438



43, 4.681, 10.866



36, 73.512, 34.954



5, 23.725, 15.407

Previews

White Background



This preview shows how the CIE LCh color 82, 26.716, 187.171 looks on a white background.

Color Contrast Check

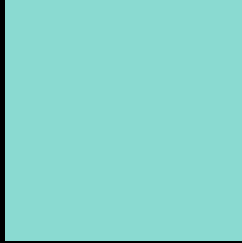
Large Text (above 18pt) WCAG AA × Fail

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, 26.716, 187.171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

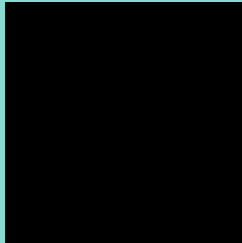
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

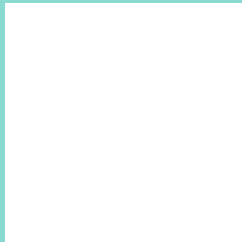
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 26.716, 187.171

Background



This preview shows how black text looks on a background with the CIELCh color 82, 26.716, 187.171.

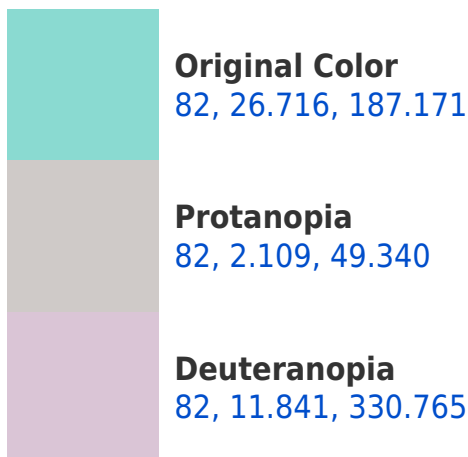


This preview shows how white text looks on a background with the CIELCh color 82, 26.716, 187.171.

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](#).

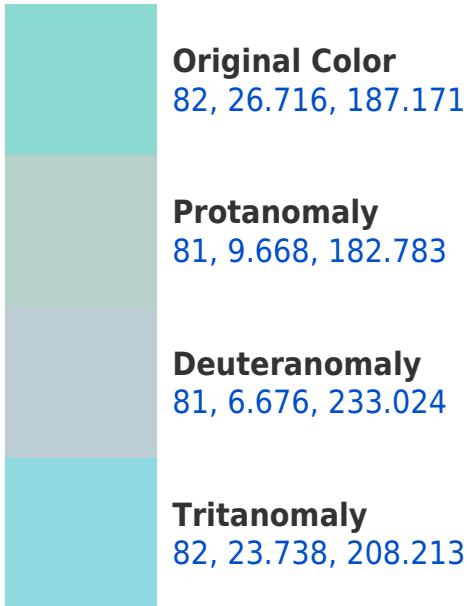
Dichromacy



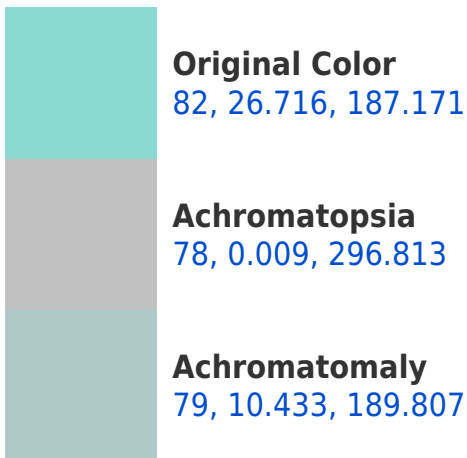


Tritanopia
82, 23.627, 220.612

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 26.716, 187.171 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(138, 218, 209)` looks like.

```
.text, #text, p{  
    color:rgb(138, 218, 209)  
}
```

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(138, 218, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 218, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 26.716, 187.171 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(138, 218, 209) }
```

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

```
.border{ border-color:rgb(138, 218, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 218, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 218, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 218, 209);  
box-shadow:4px 4px 4px 4px rgb(138, 218,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 26.716, 187.171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 218, 209) }
```

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

```
.background{ background-color: rgb(138,  
218, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor