

Converting Colors

CIELCh(82, 27.361, 196.345)

Have a look what the booklet for
CIELCh(82, 27.361, 196.345)
contains.

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Color

CIELCh(82, 27.261, 196.398)

Conversions

Conversions Part 1

Format	Color
Hex	84DAD9
RGB	132, 218, 217
RGB Percent	52%, 85%, 85%
CMY	0.4809, 0.1436, 0.1476
CMYK	0.39, 0.00, 0.00, 0.14
HSL	179°, 54%, 69%
HSV	179°, 39%, 86%
XYZ	47.3124, 60.2982, 75.0405
YIQ	192.1720, -50.9350, -18.5430

Conversions

Conversions Part 2

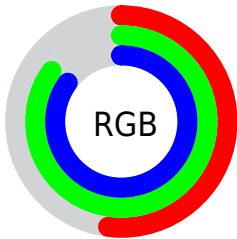
Format	Color
RYB	132, 175, 218
Decimal	8706777
CIELab	82.00, -26.15, -7.70
CIELCh	82, 27.261, 196.398
Yxy	60.2982, 0.2590, 0.3301
Android (android.graphics.Color)	4286896857 (0xFF84DAD9)
YUV	192.1720, 12.2402, -52.7708
Hunter-Lab	77.6519, -27.1330, -2.9398

Details

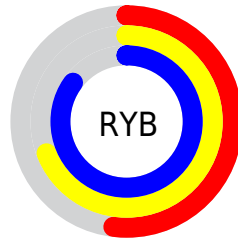
The CIELCh color **82, 27.261, 196.398** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **64, 35.815, 22.361**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 21.394, 198.100**, and **62, 27.258, 195.885** is the 20% darker color. If you saturate the color by 10%, you get **81, 32.521, 195.977**, and if you desaturate by 10%, it is **83, 21.207, 196.865**.

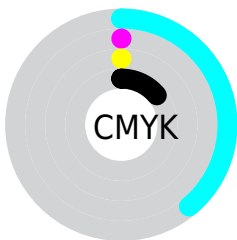
Distribution



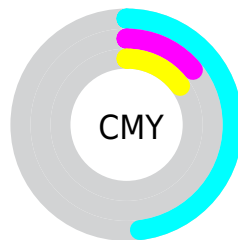
- Red (52%)
- Green (85%)
- Blue (85%)



- Red (52%)
- Yellow (69%)
- Blue (85%)



- Cyan (39%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)



- Cyan (48%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 27.261, 196.398 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, 27.261, 196.398 by changing the saturation by 10% instead.


 82, 27.261,
196.398

 82, 27.261,
196.398

 100, 27.261,
196.398

 72, 27.261,
196.398

 62, 27.261,
196.398

 52, 27.261,
196.398

 42, 27.261,
196.398

 32, 27.261,
196.398

 22, 27.261,
196.398

 12, 27.261,

196.398

■ 2, 27.261, 196.398

■ 0, 27.261, 196.398

■ 82, 27.261,
196.398

■ 82, 27.261,
196.398

■ 81, 32.521,
195.977

■ 83, 21.207,
196.865

■ 80, 36.884,
195.611

■ 84, 14.480,
197.385

■ 80, 40.286,
195.296

■ 86, 7.208, 197.972

■ 80, 42.710,
195.028

■ 87, 0.486, 17.260

■ 89, 8.488, 19.003

■ 79, 44.200,

194.800

90, 13.523, 19.197

79, 44.931,
194.601

90, 13.520, 18.641

79, 44.968,
194.589

90, 13.519, 18.085

90, 13.519, 17.528

Harmonies

Complementary

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



82, 27.261, 196.398



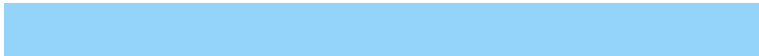
64, 35.815, 22.361

Rectangle

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



82, 27.261, 196.398



82, 27.261, 246.398



82, 27.261, 16.398



82, 27.261, 66.398

Sweetspot

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



82, 27.261, 196.395



98, 10.381, 197.802



80, 54.838, 141.096



52, 6.861, 197.723



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, 27.261, 196.395



93, 35.471, 196.056



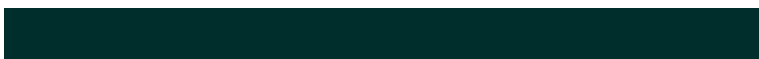
70, 26.034, 260.297



45, 4.375, 197.969



64, 37.854, 194.617



16, 15.180, 194.919

Inverse Universe

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



64, 35.815, 22.361



70, 49.682, 23.794



74, 29.489, 68.787



43, 4.638, 18.985



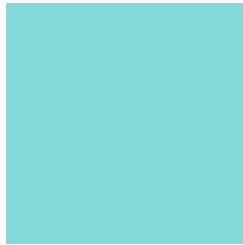
36, 77.728, 39.453



5, 23.821, 19.766

Previews

White Background



This preview shows how the CIE LCh color 82, 27.261, 196.398 looks on a white background.

Color Contrast Check

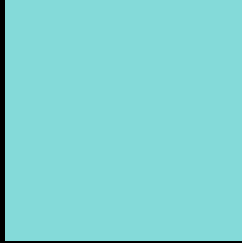
Large Text (above 18pt) WCAG AA × Fail

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, 27.261, 196.398 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

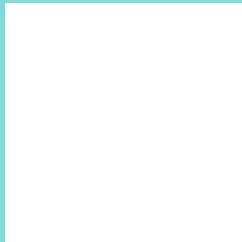
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 27.261, 196.398

Background



This preview shows how black text looks on a background with the CIELCh color 82, 27.261, 196.398.

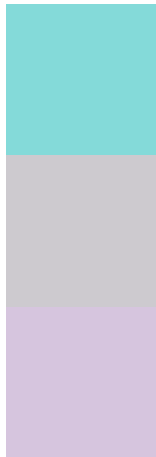


This preview shows how white text looks on a background with the CIELCh color 82, 27.261, 196.398.

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

82, 27.261, 196.398

Protanopia

82, 2.887, 312.529

Deuteranopia

82, 14.656, 315.556



Tritanopia
82, 25.564, 218.689

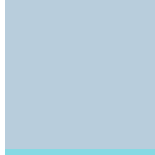
Trichromacy



Original Color
82, 27.261, 196.398



Protanomaly
82, 10.180, 207.771



Deuteranomaly
81, 10.600, 247.970

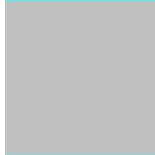


Tritanomaly
82, 25.842, 209.664

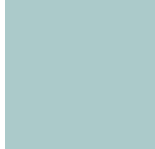
Monochromacy



Original Color
82, 27.261, 196.398



Achromatopsia
78, 0.009, 296.813



Achromatomaly
79, 10.878, 198.640

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 27.261, 196.398 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(132, 218, 217)` looks like.

```
.text, #text, p{  
    color:rgb(132, 218, 217)  
}
```

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(132, 218, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 218, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 27.261, 196.398 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(132, 218, 217) }
```

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

```
.border{ border-color:rgb(132, 218, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 218, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 218, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 218, 217);  
box-shadow:4px 4px 4px 4px rgb(132, 218,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 27.261, 196.398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 218, 217) }
```

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

```
.background{ background-color: rgb(132,  
218, 217) }
```

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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