

Converting Colors

CIELCh(82, 44.075, 175.019)

Have a look what the booklet for
CIELCh(82, 44.075, 175.019)
contains.

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Color

CIELCh(82, 44.321, 174.552)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5BE2C3 |
| RGB | 91, 226, 195 |
| RGB Percent | 36%, 89%, 76% |
| CMY | 0.6449, 0.1153, 0.2368 |
| CMYK | 0.60, 0.00, 0.14, 0.12 |
| HSL | 166°, 70%, 62% |
| HSV | 166°, 60%, 88% |
| XYZ | 41.1636, 60.2982, 60.8704 |
| YIQ | 182.1010, -70.5090, -38.2610 |

Conversions

Conversions Part 2

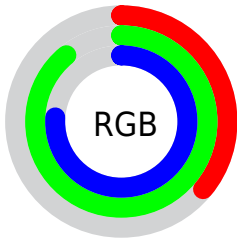
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 91, 167, 226 |
| Decimal | 6021827 |
| CIELab | 82.00, -44.12, 4.21 |
| CIELCh | 82, 44.321, 174.552 |
| Yxy | 60.2982, 0.2536, 0.3714 |
| Android (android.graphics.Color) | 4284211907 (0xFF5BE2C3) |
| YUV | 182.1010, 6.3592, -79.8956 |
| Hunter-Lab | 77.6519, -41.2673, 7.8796 |

Details

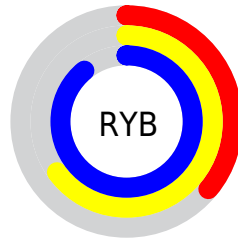
The CIELCh color **82, 44.321, 174.552** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted cyan. A complement of this color would be **57, 56.074, 10.477**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 31.441, 194.628**, and **62, 44.151, 174.045** is the 20% darker color. If you saturate the color by 10%, you get **81, 49.346, 173.094**, and if you desaturate by 10%, it is **83, 38.412, 175.867**.

Distribution



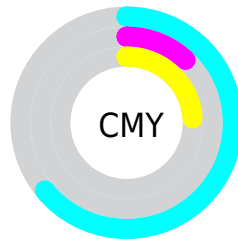
- Red (36%)
- Green (89%)
- Blue (76%)



- Red (36%)
- Yellow (65%)
- Blue (89%)



- Cyan (60%)
- Magenta (0%)
- Yellow (14%)
- Black (12%)





- Cyan (64%)
- Magenta (12%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 44.321, 174.552 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, 44.321, 174.552 by changing the saturation by 10% instead.


 82, 44.321,
174.552


 82, 44.321,
174.552


 100, 44.321,
174.552


 72, 44.321,
174.552

 62, 44.321,
174.552

 52, 44.321,
174.552

 42, 44.321,
174.552

 32, 44.321,
174.552

 22, 44.321,
174.552

 12, 44.321,

174.552

■ 2, 44.321, 174.552

■ 0, 44.321, 174.552

■ 82, 44.321,
174.552

■ 82, 44.321,
174.552

■ 81, 49.346,
173.094

■ 83, 38.412,
175.867

■ 81, 53.434,
171.472

■ 84, 31.721,
177.066

■ 81, 56.606,
169.669

■ 85, 24.380,
178.172

■ 80, 59.042,
167.716

■ 86, 16.535,
179.207

■ 80, 59.074,

■ 88, 8.325, 180.200

167.690

■ 90, 0.122, 356.537

■ 92, 8.695, 1.845

■ 92, 11.868,
353.348

■ 92, 13.242,
342.956

Harmonies

Complementary

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



82, 44.321, 174.552



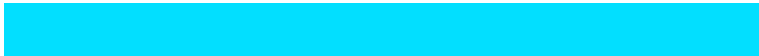
57, 56.074, 10.477

Rectangle

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



82, 44.321, 174.552



82, 44.321, 224.552



82, 44.321, 354.552



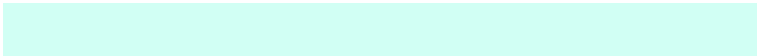
82, 44.321, 44.552

Sweetspot

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



82, 44.321, 174.551



97, 16.595, 179.381



81, 77.802, 134.426



51, 11.476, 179.087



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, 44.321, 174.551



91, 55.411, 172.685



72, 32.518, 235.206



46, 4.774, 180.242



64, 48.823, 168.045



17, 19.125, 171.721

Inverse Universe

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



57, 56.074, 10.477



59, 73.174, 14.600



63, 50.329, 45.967



44, 4.941, 1.866



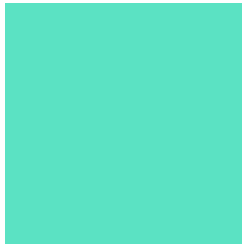
37, 68.927, 26.942



6, 25.285, 11.191

Previews

White Background



This preview shows how the CIELCh color 82, 44.321, 174.552 looks on a white background.

Color Contrast Check

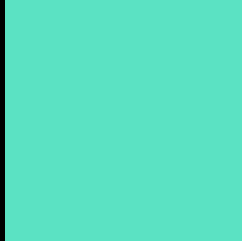
Large Text (above 18pt) WCAG AA × Fail

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, 44.321, 174.552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

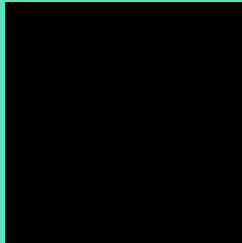
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

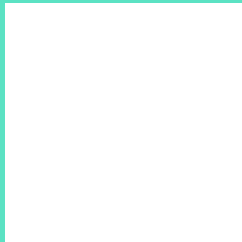
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 44.321, 174.552

Background



This preview shows how black text looks on a background with the CIELCh color 82, 44.321, 174.552.

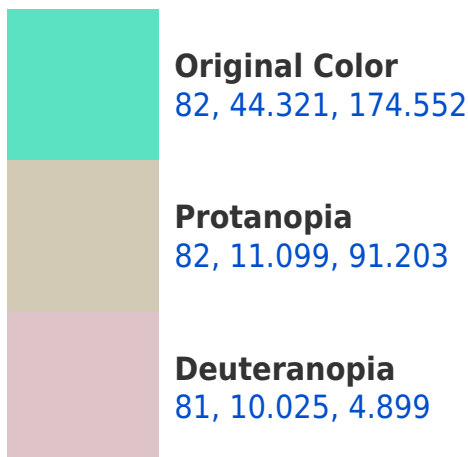


This preview shows how white text looks on a background with the CIELCh color 82, 44.321, 174.552.

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



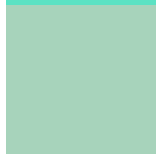


Tritanopia
82, 32.928, 213.410

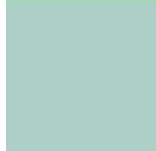
Trichromacy



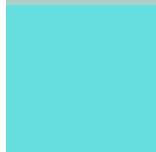
Original Color
82, 44.321, 174.552



Protanomaly
81, 20.485, 159.513



Deuteranomaly
81, 12.541, 178.635



Tritanomaly
82, 35.169, 197.028

Monochromacy



Original Color
82, 44.321, 174.552



Achromatopsia
74, 0.009, 296.813



Achromatomaly
76, 18.320, 179.107

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 44.321, 174.552 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(91, 226, 195)` looks like.

```
.text, #text, p{  
    color:rgb(91, 226, 195)  
}
```

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(91, 226, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 226, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 44.321, 174.552 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(91, 226, 195) }
```

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

```
.border{ border-color:rgb(91, 226, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 226, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 226, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 226, 195);  
box-shadow:4px 4px 4px 4px rgb(91, 226,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 44.321, 174.552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 226, 195) }
```

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

```
.background{ background-color: rgb(91, 226,  
195) }
```

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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