

Converting Colors

CIELCh(82, 38.372, 185.420)

Have a look what the booklet for
CIELCh(82, 38.372, 185.420)
contains.

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Color

CIELCh(82, 38.611, 184.788)

Conversions

Conversions Part 1

Format	Color
Hex	62E0D1
RGB	98, 224, 209
RGB Percent	38%, 88%, 82%
CMY	0.6171, 0.1228, 0.1816
CMYK	0.56, 0.00, 0.07, 0.12
HSL	173°, 67%, 63%
HSV	173°, 56%, 88%
XYZ	43.0338, 60.2982, 69.4834
YIQ	184.6160, -70.2810, -31.3770

Conversions

Conversions Part 2

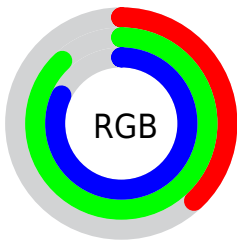
Format	Color
RYB	98, 165, 224
Decimal	6480081
CIELab	82.00, -38.48, -3.22
CIELCh	82, 38.611, 184.788
Yxy	60.2982, 0.2490, 0.3489
Android (android.graphics.Color)	4284670161 (0xFF62E0D1)
YUV	184.6160, 12.0213, -75.9622
Hunter-Lab	77.6519, -36.9681, 1.3032

Details

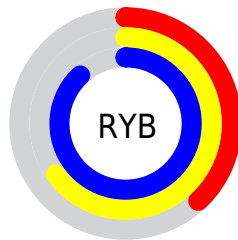
The CIELCh color **82, 38.611, 184.788** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **58, 53.038, 17.971**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.647, 197.591**, and **62, 38.495, 185.153** is the 20% darker color. If you saturate the color by 10%, you get **81, 43.027, 183.782**, and if you desaturate by 10%, it is **83, 33.281, 185.728**.

Distribution



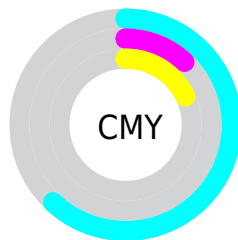
- Red (38%)
- Green (88%)
- Blue (82%)



- Red (38%)
- Yellow (65%)
- Blue (88%)



- Cyan (56%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)




- Cyan (62%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 38.611, 184.788 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, 38.611, 184.788 by changing the saturation by 10% instead.


 82, 38.611,
184.788

 82, 38.611,
184.788


 100, 38.611,
184.788


 72, 38.611,
184.788

 62, 38.611,
184.788

 52, 38.611,
184.788

 42, 38.611,
184.788

 32, 38.611,
184.788

 22, 38.611,
184.788

 12, 38.611,

184.788

■ 2, 38.611, 184.788

■ 0, 38.611, 184.788

■ 82, 38.611,
184.788

■ 82, 38.611,
184.788

■ 81, 43.027,
183.782

■ 83, 33.281,
185.728

■ 81, 46.474,
182.696

■ 84, 27.135,
186.625

■ 81, 48.958,
181.508

■ 85, 20.301,
187.490

■ 80, 50.569,
180.204

■ 86, 12.914,
188.338

■ 80, 51.041,

■ 88, 5.110, 189.219

179.716

■ 90, 2.990, 9.708

■ 92, 11.278, 10.631

■ 92, 11.821, 4.319

■ 92, 12.231,
358.107

Harmonies

Complementary

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



82, 38.611, 184.788



58, 53.038, 17.971

Rectangle

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



82, 38.611, 184.788



82, 38.611, 234.788



82, 38.611, 4.788



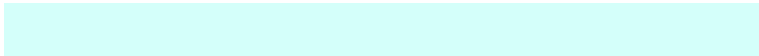
82, 38.611, 54.788

Sweetspot

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



82, 38.611, 184.786



97, 14.912, 188.272



81, 75.382, 136.994



51, 9.928, 188.101



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, 38.611, 184.786



91, 48.417, 183.556



69, 32.715, 249.674



46, 4.560, 188.932



64, 42.569, 179.948



17, 17.104, 182.366

Inverse Universe

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



58, 53.038, 17.971



60, 71.563, 21.704



67, 44.911, 55.232



44, 4.777, 10.360



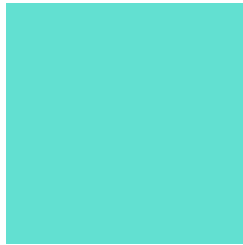
37, 74.057, 34.647



6, 25.324, 15.918

Previews

White Background



This preview shows how the CIE LCh color 82, 38.611, 184.788 looks on a white background.

Color Contrast Check

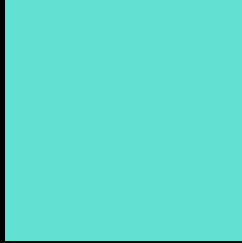
Large Text (above 18pt) WCAG AA × Fail

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, 38.611, 184.788 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

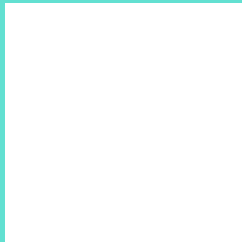
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 38.611, 184.788

Background



This preview shows how black text looks on a background with the CIELCh color 82, 38.611, 184.788.

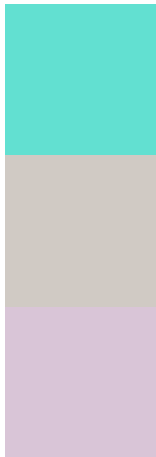


This preview shows how white text looks on a background with the CIELCh color 82, 38.611, 184.788.

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, 38.611, 184.788

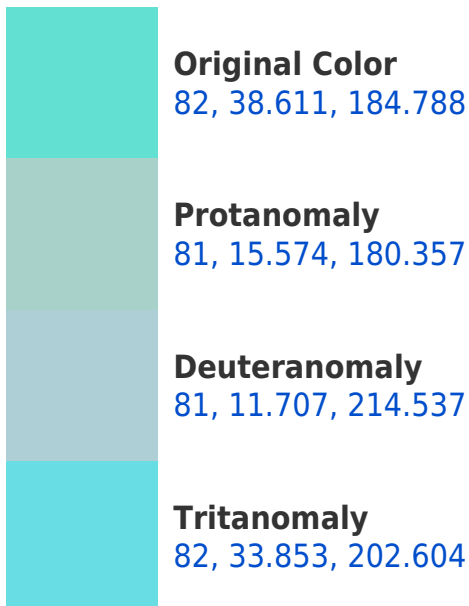
Protanopia
82, 3.856, 74.625

Deuteranopia
82, 12.025, 327.779

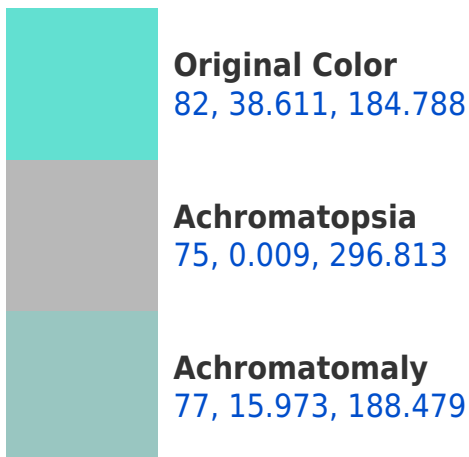


Tritanopia
82, 32.571, 214.620

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 38.611, 184.788 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(98, 224, 209)` looks like.

```
.text, #text, p{  
    color:rgb(98, 224, 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(98, 224, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 224, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 38.611, 184.788 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(98, 224, 209) }
```

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

```
.border{ border-color:rgb(98, 224, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 224, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 224, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 224, 209);  
box-shadow:4px 4px 4px 4px rgb(98, 224,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 38.611, 184.788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 224, 209) }
```

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

```
.background{ background-color: rgb(98, 224,  
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](#).

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