

Converting Colors

CIELCh(84, 59.897, 162.113)

Have a look what the booklet for
CIELCh(84, 59.897, 162.113)
contains.

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Color

CIELCh(84, 59.999, 162.128)

Conversions

Conversions Part 1

Format	Color
Hex	43ECAD
RGB	67, 236, 173
RGB Percent	26%, 93%, 68%
CMY	0.7384, 0.0753, 0.3223
CMYK	0.72, 0.00, 0.27, 0.08
HSL	158°, 81%, 59%
HSV	158°, 72%, 92%
XYZ	39.7559, 64.0658, 49.7093
YIQ	178.2870, -80.5010, -55.4210

Conversions

Conversions Part 2

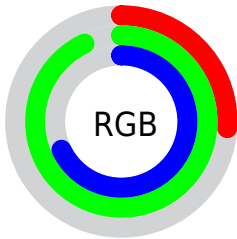
Format	Color
RYB	67, 171, 236
Decimal	4451501
CIELab	84.00, -57.10, 18.41
CIElCh	84, 59.999, 162.128
Yxy	64.0658, 0.2589, 0.4173
Android (android.graphics.Color)	4282641581 (0xFF43ECAD)
YUV	178.2870, -2.6065, -97.5987
Hunter-Lab	80.0411, -51.4120, 19.2069

Details

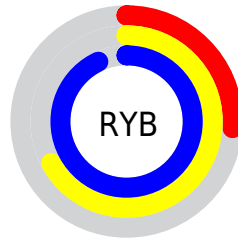
The CIELCh color **84, 59.999, 162.128** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light muted spring green. A complement of this color would be **55, 68.375, 2.875**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 39.776, 177.096**, and **65, 56.150, 159.639** is the 20% darker color. If you saturate the color by 10%, you get **83, 65.484, 160.197**, and if you desaturate by 10%, it is **85, 53.577, 163.849**.

Distribution



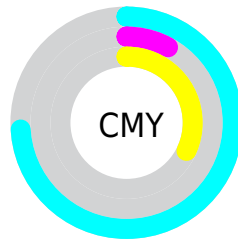
- Red (26%)
- Green (93%)
- Blue (68%)



- Red (26%)
- Yellow (67%)
- Blue (93%)



- Cyan (72%)
- Magenta (0%)
- Yellow (27%)
- Black (8%)



- Cyan (74%)
- Magenta (8%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 59.999, 162.128 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 84, 59.999, 162.128 by changing the saturation by 10% instead.


 84, 59.999,
162.128

 84, 59.999,
162.128


 100, 59.999,
162.128


 74, 59.999,
162.128

 64, 59.999,
162.128

 54, 59.999,
162.128

 44, 59.999,
162.128

 34, 59.999,
162.128

 24, 59.999,
162.128

 14, 59.999,

162.128

■ 4, 59.999, 162.128

■ 0, 59.999, 162.128

■ 84, 59.999,
162.128

■ 84, 59.999,
162.128

■ 83, 65.484,
160.197

■ 85, 53.577,
163.849

■ 83, 70.049,
158.055

■ 86, 46.281,
165.379


■ 83, 73.290,
156.175

■ 87, 38.233,
166.744

■ 88, 29.585,
167.968


■ 89, 20.500,

169.079

 91, 11.133,
170.105

 93, 1.622, 171.298

 95, 7.809, 351.319

 95, 10.703,
329.695

Harmonies

Complementary

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



84, 59.999, 162.128



55, 68.375, 2.875

Rectangle

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



84, 59.999, 162.128



84, 59.999, 212.128



84, 59.999, 342.128



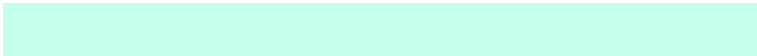
84, 59.999, 32.128

Sweetspot

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



84, 60.000, 162.127



96, 22.132, 169.037



85, 89.446, 130.045



51, 14.829, 168.744



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 60.000, 162.127



89, 71.853, 159.224



80, 38.494, 213.037



48, 5.386, 170.329



65, 59.680, 156.596



19, 23.912, 160.485

Inverse Universe

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



55, 68.375, 2.875



56, 81.000, 8.411



57, 70.431, 36.614



46, 5.501, 351.960



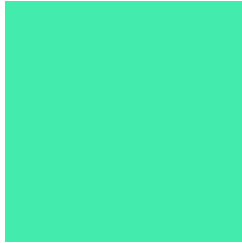
38, 65.963, 14.237



7, 27.877, 4.787

Previews

White Background



This preview shows how the CIE LCh color 84, 59.999, 162.128 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 84, 59.999, 162.128 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

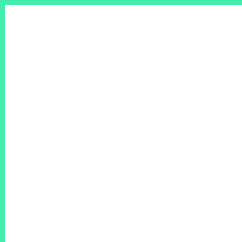
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 59.999, 162.128

Background



This preview shows how black text looks on a background with the CIELCh color 84, 59.999, 162.128.

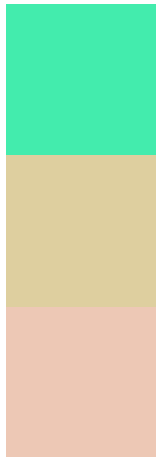


This preview shows how white text looks on a background with the CIELCh color 84, 59.999, 162.128.

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

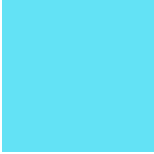
84, 59.999, 162.128

Protanopia

83, 25.866, 94.589

Deuteranopia

83, 17.633, 54.546



Tritanopia
84, 35.650, 213.765

Trichromacy



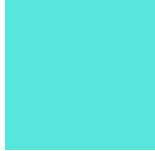
Original Color
84, 59.999, 162.128



Protanomaly
82, 33.836, 141.892



Deuteranomaly
82, 23.321, 145.497



Tritanomaly
84, 40.999, 188.457

Monochromacy



Original Color
84, 59.999, 162.128



Achromatopsia
73, 0.009, 296.813



Achromatomaly
76, 25.056, 167.842

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 59.999, 162.128 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(67, 236, 173)` looks like.

```
.text, #text, p{  
    color:rgb(67, 236, 173)  
}
```

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(67, 236, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 236, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 59.999, 162.128 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(67, 236, 173) }
```

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

```
.border{ border-color:rgb(67, 236, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 236, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 236, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 236, 173);  
box-shadow:4px 4px 4px 4px rgb(67, 236,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 59.999, 162.128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 236, 173) }
```

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

```
.background{ background-color: rgb(67, 236,  
173) }
```

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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