

Converting Colors

CIELCh(81, 59.509, 159.875)

Have a look what the booklet for
CIELCh(81, 59.509, 159.875)
contains.

CIELCh(81, 59.692, 159.812)	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(81, 59.692, 159.812)

Conversions

Conversions Part 1

Format	Color
Hex	43E3A1
RGB	67, 227, 161
RGB Percent	26%, 89%, 63%
CMY	0.7355, 0.1115, 0.3702
CMYK	0.70, 0.00, 0.29, 0.11
HSL	155°, 74%, 58%
HSV	155°, 70%, 89%
XYZ	36.0942, 58.4711, 42.9182
YIQ	171.6360, -74.1740, -54.4460

Conversions

Conversions Part 2

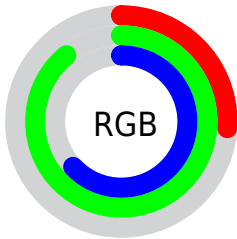
Format	Color
RYB	67, 168, 227
Decimal	4449185
CIELab	81.00, -56.02, 20.60
CIELCh	81, 59.692, 159.812
Yxy	58.4711, 0.2625, 0.4253
Android (android.graphics.Color)	4282639265 (0xFF43E3A1)
YUV	171.6360, -5.2435, -91.7658
Hunter-Lab	76.4664, -49.5595, 20.2489

Details

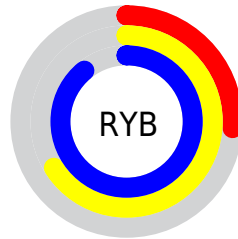
The CIELCh color **81, 59.692, 159.812** is a light color, and the websafe version is hex **00CC99**. The color can be described as light muted spring green. A complement of this color would be **54, 65.839, 359.121**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 43.833, 169.263**, and **62, 55.917, 157.644** is the 20% darker color. If you saturate the color by 10%, you get **80, 65.559, 157.894**, and if you desaturate by 10%, it is **82, 52.927, 161.518**.

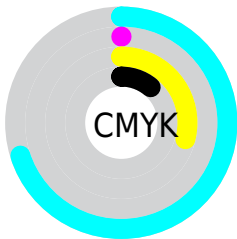
Distribution



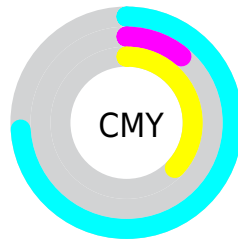
- Red (26%)
- Green (89%)
- Blue (63%)



- Red (26%)
- Yellow (66%)
- Blue (89%)



- Cyan (70%)
- Magenta (0%)
- Yellow (29%)
- Black (11%)





- Cyan (74%)
- Magenta (11%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 59.692, 159.812 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 81, 59.692, 159.812 by changing the saturation by 10% instead.


 81, 59.692,
159.812


 81, 59.692,
159.812


 100, 59.692,
159.812


 71, 59.692,
159.812


 61, 59.692,
159.812

 51, 59.692,
159.812

 41, 59.692,
159.812

 31, 59.692,
159.812

 21, 59.692,
159.812

 11, 59.692,

159.812

■ 1, 59.692, 159.812

■ 0, 59.692, 159.812

■ 81, 59.692,
159.812

■ 81, 59.692,
159.812

■ 80, 65.559,
157.894

■ 82, 52.927,
161.518

■ 80, 70.523,
155.763

■ 83, 45.343,
163.031

■ 80, 74.658,
153.545

■ 84, 37.071,
164.376

■ 85, 28.269,
165.578


■ 87, 19.096,

166.662

 88, 9.702, 167.663

 90, 0.217, 170.714

 92, 9.254, 349.277

 93, 13.937,
337.028

Harmonies

Complementary

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



81, 59.692, 159.812



54, 65.839, 359.121

Rectangle

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



81, 59.692, 159.812



81, 59.692, 209.812



81, 59.692, 339.812



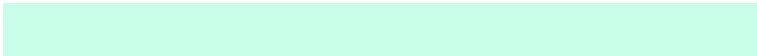
81, 59.692, 29.812

Sweetspot

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



81, 59.693, 159.812



96, 21.797, 166.569



82, 84.459, 129.049



51, 14.721, 166.275



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 59.693, 159.812



89, 74.145, 157.000



79, 37.969, 207.794



46, 5.341, 167.741



63, 61.313, 153.964



17, 23.255, 158.401

Inverse Universe

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



54, 65.839, 359.121



57, 80.249, 3.902



55, 67.811, 34.503



44, 5.438, 349.327



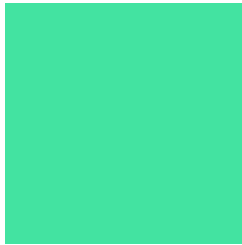
37, 64.047, 10.056



6, 25.767, 0.781

Previews

White Background



This preview shows how the CIE LCh color 81, 59.692, 159.812 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 81, 59.692, 159.812 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 81, 59.692, 159.812

Background



This preview shows how black text looks on a background with the CIELCh color 81, 59.692, 159.812.

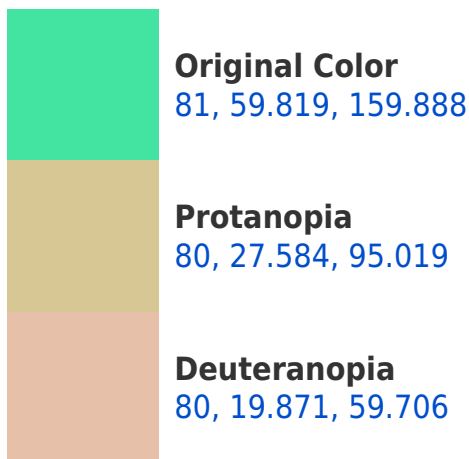


This preview shows how white text looks on a background with the CIELCh color 81, 59.692, 159.812.

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
81, 34.005, 213.808

Trichromacy



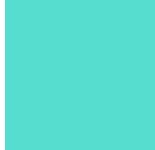
Original Color
81, 59.819, 159.888



Protanomaly
79, 34.804, 139.007



Deuteranomaly
79, 24.879, 139.273

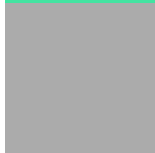


Tritanomaly
81, 39.220, 187.244

Monochromacy



Original Color
81, 59.819, 159.888



Achromatopsia
70, 0.009, 296.813



Achromatomaly
73, 24.703, 165.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 59.692, 159.812 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, 227, 161)` looks like.

```
.text, #text, p{  
    color:rgb(67, 227, 161)  
}
```

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, 227, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 227, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 59.692, 159.812 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, 227, 161) }
```

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

```
.border{ border-color:rgb(67, 227, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 227, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 227, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 227, 161);  
box-shadow:4px 4px 4px 4px rgb(67, 227,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 59.692, 159.812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 227, 161) }
```

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

```
.background{ background-color: rgb(67, 227,  
161) }
```

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