

Converting Colors

CIELCh(81, 60.263, 159.278)

Have a look what the booklet for
CIELCh(81, 60.263, 159.278)
contains.

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Color

CIELCh(81, 60.556, 159.147)

Conversions

Conversions Part 1

Format	Color
Hex	43E39F
RGB	67, 227, 159
RGB Percent	26%, 89%, 62%
CMY	0.7386, 0.1108, 0.3774
CMYK	0.71, 0.00, 0.30, 0.11
HSL	155°, 74%, 58%
HSV	155°, 71%, 89%
XYZ	35.9256, 58.4711, 42.0839
YIQ	171.4080, -73.5320, -55.0680

Conversions

Conversions Part 2

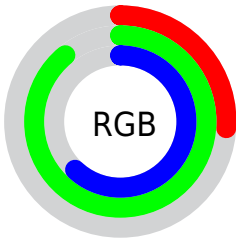
Format	Color
RYB	67, 169, 227
Decimal	4449183
CIELab	81.00, -56.59, 21.56
CIElCh	81, 60.556, 159.147
Yxy	58.4711, 0.2632, 0.4284
Android (android.graphics.Color)	4282639263 (0xFF43E39F)
YUV	171.4080, -6.1171, -91.5658
Hunter-Lab	76.4664, -49.9530, 20.8957




Details

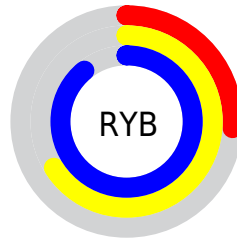
The CIELCh color **81, 60.556, 159.147** is a light color, and the websafe version is hex **00CC99**. The color can be described as light muted spring green. A complement of this color would be **54, 66.298, 358.456**, and the grayscale version is **70, 0.009, 296.813**.




A 20% lighter version of the original color is **92, 44.445, 168.143**, and **61, 56.711, 156.842** is the 20% darker color. If you saturate the color by 10%, you get **80, 66.490, 157.217**, and if you desaturate by 10%, it is **82, 53.722, 160.864**.

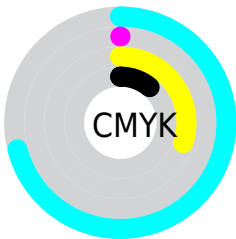
Distribution







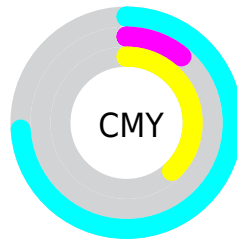
-  Red (26%)
-  Green (89%)
-  Blue (62%)






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



-  Cyan (71%)
-  Magenta (0%)
-  Yellow (30%)
-  Black (11%)





-  Cyan (74%)
-  Magenta (11%)
-  Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 60.556, 159.147 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, 60.556, 159.147 by changing the saturation by 10% instead.


 81, 60.556,
159.147


 81, 60.556,
159.147


 100, 60.556,
159.147


 71, 60.556,
159.147


 61, 60.556,
159.147

 51, 60.556,
159.147

 41, 60.556,
159.147

 31, 60.556,
159.147

 21, 60.556,
159.147

 11, 60.556,

159.147

■ 1, 60.556, 159.147

■ 0, 60.556, 159.147

■ 81, 60.556,
159.147

■ 81, 60.556,
159.147

■ 80, 66.490,
157.217

■ 82, 53.722,
160.864

■ 80, 71.518,
155.074

■ 83, 46.066,
162.386


■ 80, 75.573,
152.935

■ 84, 37.720,
163.737

■ 85, 28.842,
164.942


■ 87, 19.594,

166.028

 88, 10.127,
167.026

 90, 0.570, 168.704

 92, 8.969, 348.635

 93, 13.932,
336.678

Harmonies

Complementary

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



81, 60.556, 159.147



54, 66.298, 358.456

Rectangle

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



81, 60.556, 159.147



81, 60.556, 209.147



81, 60.556, 339.147



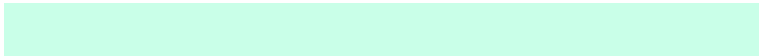
81, 60.556, 29.147

Sweetspot

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



81, 60.557, 159.147



96, 21.960, 165.972



82, 84.435, 128.527



51, 14.832, 165.679



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, 60.557, 159.147



89, 75.502, 156.182



80, 38.678, 205.412



46, 5.378, 167.139



63, 62.022, 153.357



17, 23.495, 157.806

Inverse Universe

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



54, 66.298, 358.456



56, 80.745, 3.430



54, 68.899, 33.755



44, 5.472, 348.716



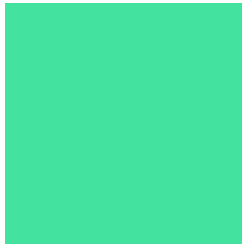
37, 63.981, 9.077



6, 25.827, 0.102

Previews

White Background



This preview shows how the CIE LCh color 81, 60.556, 159.147 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, 60.556, 159.147 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, 60.556, 159.147

Background



This preview shows how black text looks on a background with the CIELCh color 81, 60.556, 159.147.

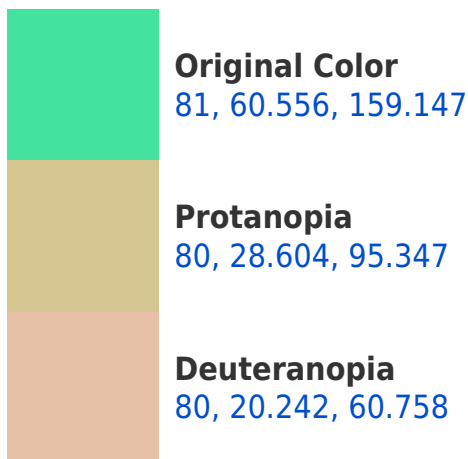


This preview shows how white text looks on a background with the CIELCh color 81, 60.556, 159.147.

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



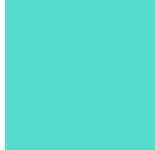
Original Color
81, 60.556, 159.147



Protanomaly
79, 35.903, 138.610



Deuteranomaly
79, 25.337, 138.664

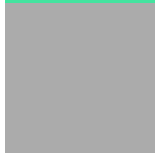


Tritanomaly
81, 39.822, 185.796

Monochromacy



Original Color
81, 60.556, 159.147



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, 60.556, 159.147 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(67, 227, 159)  
}
```

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, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 227, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 60.556, 159.147 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, 159) }
```

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

```
.border{ border-color:rgb(67, 227, 159) }
```

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, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 227, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 227, 159);  
box-shadow:4px 4px 4px 4px rgb(67, 227,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 60.556, 159.147 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, 159) }
```

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

```
.background{ background-color: rgb(67, 227,  
159) }
```

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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