

Converting Colors

CIELCh(81, 57.581, 151.686)

Have a look what the booklet for
CIELCh(81, 57.581, 151.686)
contains.

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Color

CIELCh(81, 57.383, 151.677)

Conversions

Conversions Part 1

Format	Color
Hex	68E094
RGB	104, 224, 148
RGB Percent	41%, 88%, 58%
CMY	0.5916, 0.1211, 0.4191
CMYK	0.54, 0.00, 0.34, 0.12
HSL	142°, 66%, 64%
HSV	142°, 54%, 88%
XYZ	37.7676, 58.4711, 37.3601
YIQ	179.4560, -47.1240, -49.0760

Conversions

Conversions Part 2

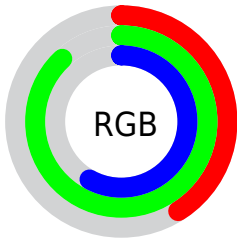
Format	Color
RYB	104, 192, 224
Decimal	6873236
CIELab	81.00, -50.51, 27.22
CIELCh	81, 57.383, 151.677
Yxy	58.4711, 0.2827, 0.4377
Android (android.graphics.Color)	4285063316 (0xFF68E094)
YUV	179.4560, -15.5078, -66.1749
Hunter-Lab	76.4664, -45.6531, 24.5585

Details

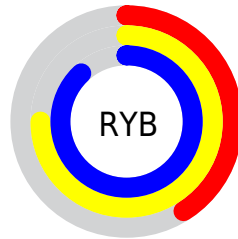
The CIELCh color **81, 57.383, 151.677** is a light color, and the websafe version is hex **33CC99**. A complement of this color would be **61, 58.352, 341.886**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 41.951, 156.403**, and **61, 57.347, 151.776** is the 20% darker color. If you saturate the color by 10%, you get **80, 66.649, 150.151**, and if you desaturate by 10%, it is **82, 47.382, 153.012**.

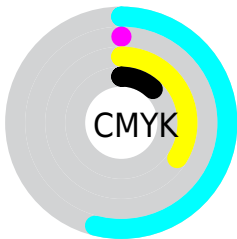
Distribution



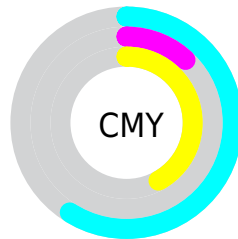
- Red (41%)
- Green (88%)
- Blue (58%)



- Red (41%)
- Yellow (75%)
- Blue (88%)



- Cyan (54%)
- Magenta (0%)
- Yellow (34%)
- Black (12%)





- Cyan (59%)
- Magenta (12%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 57.383, 151.677 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, 57.383, 151.677 by changing the saturation by 10% instead.


 81, 57.383,
151.677

 81, 57.383,
151.677


 100, 57.383,
151.677

 71, 57.383,
151.677

 61, 57.383,
151.677

 51, 57.383,
151.677

 41, 57.383,
151.677

 31, 57.383,
151.677

 21, 57.383,
151.677

 11, 57.383,

151.677

■ 1, 57.383, 151.677

■ 0, 57.383, 151.677

■ 81, 57.383,
151.677

■ 81, 57.383,
151.677

■ 80, 66.649,
150.151

■ 82, 47.382,
153.012

■ 79, 74.999,
148.424

■ 83, 36.844,
154.178

■ 79, 82.307,
146.504

■ 85, 25.967,
155.196

■ 79, 88.520,
144.430

■ 87, 14.929,
156.096

■ 78, 92.031,

■ 89, 3.882, 156.953

143.088

■ 91, 7.058, 337.491

■ 92, 16.308,
332.848

■ 93, 19.311,
325.095

Harmonies

Complementary

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



81, 57.383, 151.677



61, 58.352, 341.886

Rectangle

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



81, 57.383, 151.677



81, 57.383, 201.677



81, 57.383, 331.677



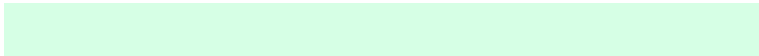
81, 57.383, 21.677

Sweetspot

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



81, 57.384, 151.677



97, 19.599, 155.874



84, 62.423, 120.902



51, 13.235, 155.690



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, 57.384, 151.677



90, 74.367, 150.001



82, 38.069, 182.188



46, 6.258, 156.439



63, 76.173, 143.458



16, 28.498, 147.771

Inverse Universe

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



61, 58.352, 341.886



64, 74.692, 343.283



59, 50.095, 14.900



44, 6.302, 337.762



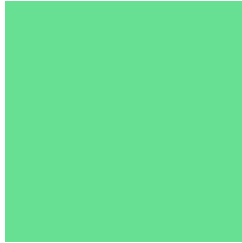
39, 67.278, 349.973



7, 28.216, 345.415

Previews

White Background



This preview shows how the CIELCh color 81, 57.383, 151.677 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, 57.383, 151.677 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, 57.383, 151.677

Background



This preview shows how black text looks on a background with the CIELCh color 81, 57.383, 151.677.

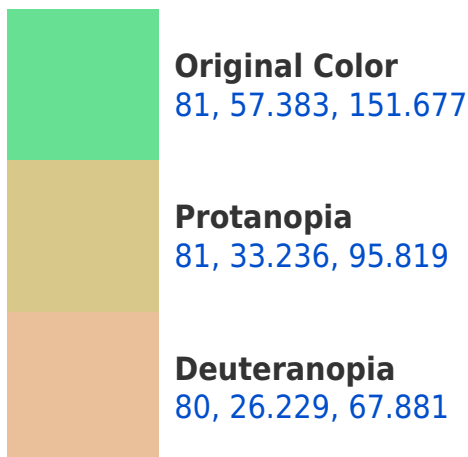


This preview shows how white text looks on a background with the CIELCh color 81, 57.383, 151.677.

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



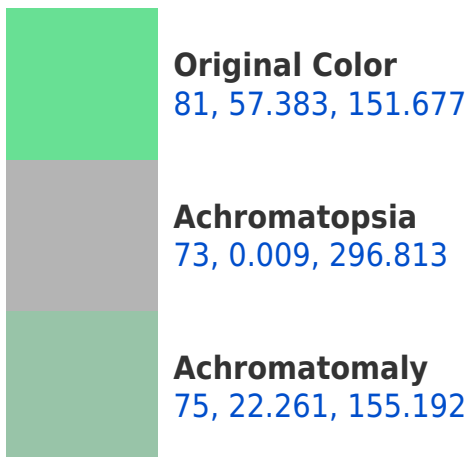


Tritanopia
81, 27.650, 216.959

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 57.383, 151.677 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(104, 224, 148)` looks like.

```
.text, #text, p{  
    color:rgb(104, 224, 148)  
}
```

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(104, 224, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 224, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 57.383, 151.677 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(104, 224, 148) }
```

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

```
.border{ border-color:rgb(104, 224, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 224, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 224, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 224, 148);  
box-shadow:4px 4px 4px 4px rgb(104, 224,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 57.383, 151.677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 224, 148) }
```

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

```
.background{ background-color: rgb(104,  
224, 148) }
```

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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