

Converting Colors

CIELCh(81, 53.410, 147.473)

Have a look what the booklet for
CIELCh(81, 53.410, 147.473)
contains.

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Color

CIELCh(81, 53.616, 147.219)

Conversions

Conversions Part 1

Format	Color
Hex	7CDE91
RGB	124, 222, 145
RGB Percent	49%, 87%, 57%
CMY	0.5143, 0.1300, 0.4319
CMYK	0.44, 0.00, 0.35, 0.13
HSL	133°, 60%, 68%
HSV	133°, 44%, 87%
XYZ	39.4681, 58.4711, 35.9342
YIQ	183.9200, -33.6910, -44.7230

Conversions

Conversions Part 2

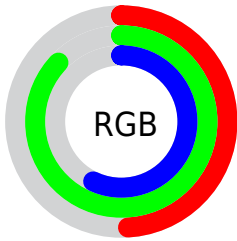
Format	Color
RYB	124, 205, 222
Decimal	8183441
CIELab	81.00, -45.08, 29.03
CIELCh	81, 53.616, 147.219
Yxy	58.4711, 0.2948, 0.4368
Android (android.graphics.Color)	4286373521 (0xFF7CDE91)
YUV	183.9200, -19.1876, -52.5498
Hunter-Lab	76.4664, -41.6836, 25.6640

Details

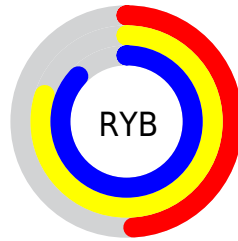
The CIELCh color **81, 53.616, 147.219** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **65, 53.729, 334.017**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 38.990, 149.812**, and **61, 53.459, 147.357** is the 20% darker color. If you saturate the color by 10%, you get **80, 64.803, 145.959**, and if you desaturate by 10%, it is **82, 41.821, 148.316**.

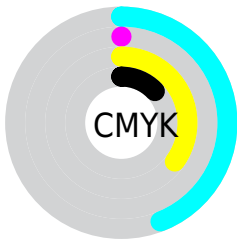
Distribution



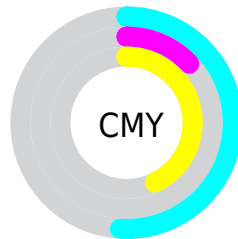
- Red (49%)
- Green (87%)
- Blue (57%)



- Red (49%)
- Yellow (80%)
- Blue (87%)



- Cyan (44%)
- Magenta (0%)
- Yellow (35%)
- Black (13%)





- Cyan (51%)
- Magenta (13%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 53.616, 147.219 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, 53.616, 147.219 by changing the saturation by 10% instead.


 81, 53.616,
147.219


 81, 53.616,
147.219


 100, 53.616,
147.219


 71, 53.616,
147.219

 61, 53.616,
147.219

 51, 53.616,
147.219

 41, 53.616,
147.219

 31, 53.616,
147.219

 21, 53.616,
147.219

 11, 53.616,

147.219

■ 1, 53.616, 147.219

■ 0, 53.616, 147.219

■ 81, 53.616,
147.219

■ 81, 53.616,
147.219

■ 80, 64.803,
145.959

■ 82, 41.821,
148.316

■ 79, 75.111,
144.532

■ 84, 29.663,
149.265

■ 78, 84.275,
142.954

■ 86, 17.358,
150.087

■ 78, 92.052,
141.271

■ 88, 5.077, 150.838

■ 78, 98.249,

■ 90, 7.045, 331.332

139.572

92, 18.477,
330.219

78, 101.145,
138.671

92, 20.749,
325.146

Harmonies

Complementary

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



81, 53.616, 147.219



65, 53.729, 334.017

Rectangle

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



81, 53.616, 147.219



81, 53.616, 197.219



81, 53.616, 327.219



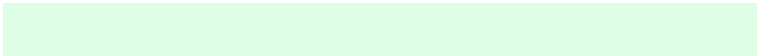
81, 53.616, 17.219

Sweetspot

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



81, 53.617, 147.219



97, 17.815, 150.170



85, 50.442, 115.004



51, 12.477, 149.998



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, 53.617, 147.219



91, 71.077, 146.061



82, 36.144, 171.297



45, 6.870, 150.444



62, 83.579, 138.960



15, 30.188, 144.083

Inverse Universe

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



65, 53.729, 334.017



70, 70.780, 334.715



63, 41.287, 1.570



43, 6.893, 331.601



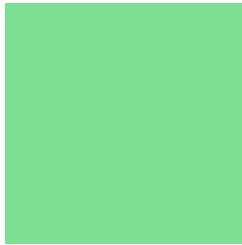
39, 73.385, 338.983



6, 29.717, 336.741

Previews

White Background



This preview shows how the CIELCh color 81, 53.616, 147.219 looks on a white background.

Color Contrast Check

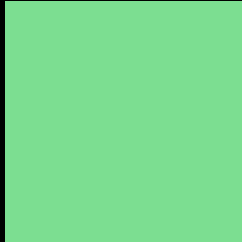
Large Text (above 18pt) WCAG AA × Fail

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, 53.616, 147.219 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, 53.616, 147.219

Background



This preview shows how black text looks on a background with the CIELCh color 81, 53.616, 147.219.

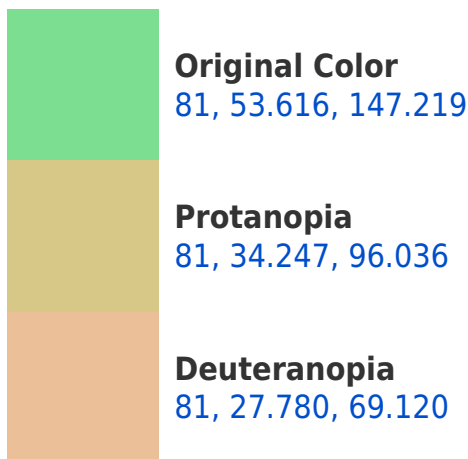


This preview shows how white text looks on a background with the CIELCh color 81, 53.616, 147.219.

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



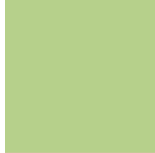


Tritanopia
81, 23.390, 220.921

Trichromacy



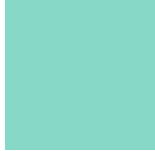
Original Color
81, 53.616, 147.219



Protanomaly
80, 37.480, 122.928



Deuteranomaly
80, 28.558, 113.997

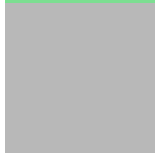


Tritanomaly
81, 28.862, 177.909

Monochromacy



Original Color
81, 53.616, 147.219



Achromatopsia
75, 0.009, 296.813



Achromatomaly
77, 20.209, 150.056

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 53.616, 147.219 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(124, 222, 145)` looks like.

```
.text, #text, p{  
    color:rgb(124, 222, 145)  
}
```

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(124, 222, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 222, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 53.616, 147.219 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(124, 222, 145) }
```

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

```
.border{ border-color:rgb(124, 222, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 222, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 222, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 222, 145);  
box-shadow:4px 4px 4px 4px rgb(124, 222,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 53.616, 147.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 222, 145) }
```

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

```
.background{ background-color: rgb(124,  
222, 145) }
```

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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