

Converting Colors

CIELCh(81, 59.112, 141.942)

Have a look what the booklet for
CIELCh(81, 59.112, 141.942)
contains.

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Color

CIELCh(81, 59.217, 141.926)

Conversions

Conversions Part 1

Format	Color
Hex	7FDE82
RGB	127, 222, 130
RGB Percent	50%, 87%, 51%
CMY	0.5013, 0.1287, 0.4896
CMYK	0.43, 0.00, 0.41, 0.13
HSL	122°, 59%, 68%
HSV	122°, 43%, 87%
XYZ	38.9815, 58.4711, 30.4040
YIQ	183.1070, -27.0880, -48.7520

Conversions

Conversions Part 2

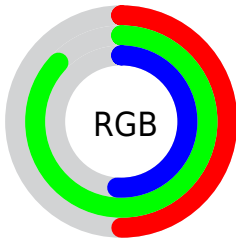
Format	Color
RYB	127, 219, 222
Decimal	8380034
CIELab	81.00, -46.62, 36.52
CIElCh	81, 59.217, 141.926
Yxy	58.4711, 0.3049, 0.4573
Android (android.graphics.Color)	4286570114 (0xFF7FDE82)
YUV	183.1070, -26.1818, -49.2058
Hunter-Lab	76.4664, -42.8193, 29.9520

Details

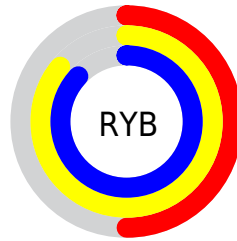
The CIELCh color **81, 59.217, 141.926** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **66, 59.040, 327.623**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 44.489, 142.507**, and **61, 59.193, 141.990** is the 20% darker color. If you saturate the color by 10%, you get **80, 71.901, 140.816**, and if you desaturate by 10%, it is **82, 45.750, 142.917**.

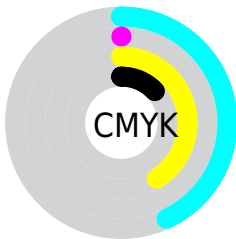
Distribution



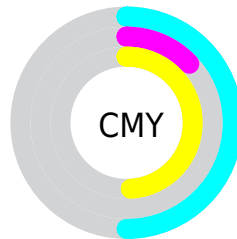
- Red (50%)
- Green (87%)
- Blue (51%)



- Red (50%)
- Yellow (86%)
- Blue (87%)



- Cyan (43%)
- Magenta (0%)
- Yellow (41%)
- Black (13%)





- Cyan (50%)
- Magenta (13%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 59.217, 141.926 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, 59.217, 141.926 by changing the saturation by 10% instead.


 81, 59.217,
141.926


 81, 59.217,
141.926


 100, 59.217,
141.926


 71, 59.217,
141.926


 61, 59.217,
141.926

 51, 59.217,
141.926

 41, 59.217,
141.926

 31, 59.217,
141.926

 21, 59.217,
141.926

 11, 59.217,

141.926

■ 1, 59.217, 141.926

■ 0, 59.217, 141.926

■ 81, 59.217,
141.926

■ 81, 59.217,
141.926

■ 80, 71.901,
140.816

■ 82, 45.750,
142.917

■ 79, 83.368,
139.625

■ 84, 31.851,
143.781

■ 78, 93.123,
138.430

■ 86, 17.803,
144.525

■ 78, 100.645,
137.356

■ 88, 3.821, 145.210

■ 78, 105.511,

■ 90, 9.943, 325.637

136.547

92, 20.544,
325.139

77, 107.403,
136.219

Harmonies

Complementary

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



81, 59.217, 141.926



66, 59.040, 327.623

Rectangle

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



81, 59.217, 141.926



81, 59.217, 191.926



81, 59.217, 321.926



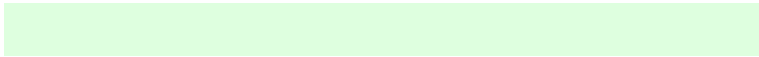
81, 59.217, 11.926

Sweetspot

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



81, 59.218, 141.926



97, 20.283, 144.501



87, 48.322, 106.842



51, 14.208, 144.344



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, 59.218, 141.926



91, 77.930, 140.974



82, 40.882, 160.205



46, 7.969, 144.750



63, 90.082, 136.287



16, 34.703, 140.000

Inverse Universe

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



66, 59.040, 327.623



71, 77.392, 328.043



65, 43.178, 349.017



44, 7.982, 325.795



41, 85.367, 329.518



8, 35.180, 329.296

Previews

White Background



This preview shows how the CIE LCh color 81, 59.217, 141.926 looks on a white background.

Color Contrast Check

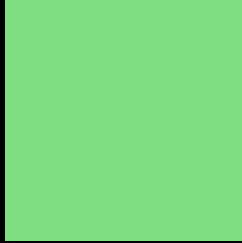
Large Text (above 18pt) WCAG AA × Fail

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, 59.217, 141.926 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, 59.217, 141.926

Background



This preview shows how black text looks on a background with the CIELCh color 81, 59.217, 141.926.

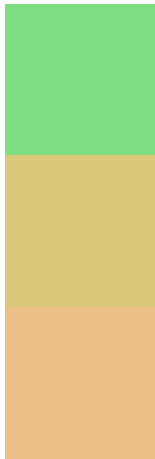


This preview shows how white text looks on a background with the CIELCh color 81, 59.217, 141.926.

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
81, 59.217, 141.926

Protanopia
81, 41.410, 95.975

Deuteranopia
80, 35.285, 72.991



Tritanopia
81, 21.900, 222.682

Trichromacy



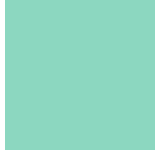
Original Color
81, 59.217, 141.926



Protanomaly
80, 43.983, 118.556



Deuteranomaly
80, 35.093, 109.640

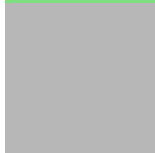


Tritanomaly
81, 28.587, 171.976

Monochromacy



Original Color
81, 59.217, 141.926



Achromatopsia
74, 0.009, 296.813



Achromatomaly
76, 21.907, 144.157

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 59.217, 141.926 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(127, 222, 130)` looks like.

```
.text, #text, p{  
    color:rgb(127, 222, 130)  
}
```

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(127, 222, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 222, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 59.217, 141.926 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(127, 222, 130) }
```

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

```
.border{ border-color:rgb(127, 222, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 222, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 222, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 222, 130);  
box-shadow:4px 4px 4px 4px rgb(127, 222,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 59.217, 141.926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 222, 130) }
```

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

```
.background{ background-color: rgb(127,  
222, 130) }
```

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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