

Converting Colors

CIELCh(82, 61.550, 141.073)

Have a look what the booklet for
CIELCh(82, 61.550, 141.073)
contains.

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Color

CIELCh(82, 61.550, 141.073)

Conversions

Conversions Part 1

Format	Color
Hex	80E180
RGB	128, 225, 128
RGB Percent	50%, 88%, 50%
CMY	0.4962, 0.1158, 0.4963
CMYK	0.43, 0.00, 0.43, 0.12
HSL	120°, 62%, 69%
HSV	120°, 43%, 88%
XYZ	39.9477, 60.2982, 30.1038
YIQ	184.9390, -26.6750, -50.7310

Conversions

Conversions Part 2

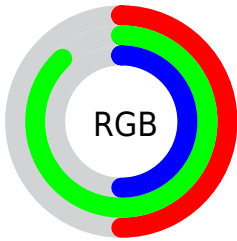
Format	Color
RYB	128, 225, 225
Decimal	8446336
CIELab	82.00, -47.88, 38.67
CIELCh	82, 61.550, 141.073
Yxy	60.2982, 0.3065, 0.4626
Android (android.graphics.Color)	4286636416 (0xFF80E180)
YUV	184.9390, -28.0709, -49.9355
Hunter-Lab	77.6519, -44.0622, 31.3710

Details

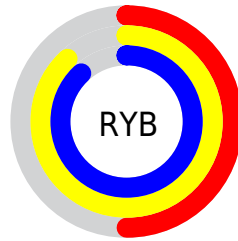
The CIELCh color **82, 61.550, 141.073** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **67, 61.374, 326.719**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 45.133, 141.458**, and **62, 61.492, 141.089** is the 20% darker color. If you saturate the color by 10%, you get **81, 74.558, 139.987**, and if you desaturate by 10%, it is **83, 47.677, 142.055**.

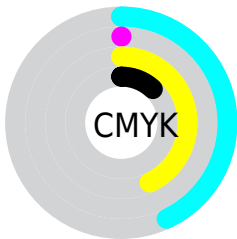
Distribution



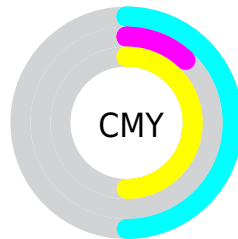
- Red (50%)
- Green (88%)
- Blue (50%)



- Red (50%)
- Yellow (88%)
- Blue (88%)



- Cyan (43%)
- Magenta (0%)
- Yellow (43%)
- Black (12%)





- Cyan (50%)
- Magenta (12%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 61.550, 141.073 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 82, 61.550, 141.073 by changing the saturation by 10% instead.


 82, 61.550,
141.073


 82, 61.550,
141.073


 100, 61.550,
141.073


 72, 61.550,
141.073

 62, 61.550,
141.073

 52, 61.550,
141.073

 42, 61.550,
141.073

 32, 61.550,
141.073

 22, 61.550,
141.073

 12, 61.550,

141.073

■ 2, 61.550, 141.073

■ 0, 61.550, 141.073

■ 82, 61.550,
141.073

■ 82, 61.550,
141.073

■ 81, 74.558,
139.987

■ 83, 47.677,
142.055

■ 80, 86.216,
138.845

■ 85, 33.327,
142.914

■ 79, 95.963,
137.746

■ 87, 18.807,
143.655


■ 79, 103.213,
136.831


■ 89, 4.346, 144.329

■ 79, 107.550,

■ 91, 9.891, 324.762

136.240

 93, 18.467,
325.066

 79, 109.139,
136.015

Harmonies

Complementary

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



82, 61.550, 141.073



67, 61.374, 326.719

Rectangle

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



82, 61.550, 141.073



82, 61.550, 191.073



82, 61.550, 321.073



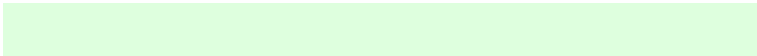
82, 61.550, 11.073

Sweetspot

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



82, 61.551, 141.073



97, 20.720, 143.651



87, 48.474, 105.303



51, 14.514, 143.496



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 61.551, 141.073



90, 80.890, 140.064



83, 42.794, 158.443



46, 8.141, 143.897



63, 90.676, 136.015



16, 35.254, 139.475

Inverse Universe

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



67, 61.374, 326.719



71, 80.362, 327.140



66, 44.778, 347.067



44, 8.153, 324.932



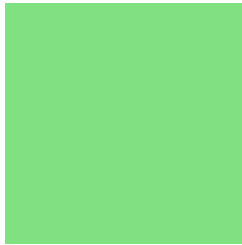
42, 87.491, 328.221



8, 35.926, 328.219

Previews

White Background



This preview shows how the CIE LCh color 82, 61.550, 141.073 looks on a white background.

Color Contrast Check

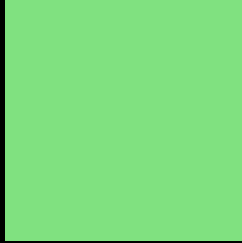
Large Text (above 18pt) WCAG AA × Fail

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 82, 61.550, 141.073 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 82, 61.550, 141.073

Background



This preview shows how black text looks on a background with the CIELCh color 82, 61.550, 141.073.



This preview shows how white text looks on a background with the CIELCh color 82, 61.550, 141.073.

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
82, 61.550, 141.073

Protanopia
82, 43.852, 95.815

Deuteranopia
82, 37.209, 74.040

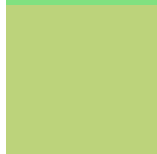


Tritanopia
82, 22.137, 222.330

Trichromacy



Original Color
82, 61.550, 141.073



Protanomaly
81, 46.293, 117.793



Deuteranomaly
81, 37.536, 109.286



Tritanomaly
82, 29.090, 171.346

Monochromacy



Original Color
82, 61.550, 141.073



Achromatopsia
75, 0.009, 296.813



Achromatomaly
77, 23.604, 143.318

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 61.550, 141.073 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(128, 225, 128)` looks like.

```
.text, #text, p{  
    color:rgb(128, 225, 128)  
}
```

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(128, 225, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 225, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 61.550, 141.073 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(128, 225, 128) }
```

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

```
.border{ border-color:rgb(128, 225, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 225, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 225, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 225, 128);  
box-shadow:4px 4px 4px 4px rgb(128, 225,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 61.550, 141.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 225, 128) }
```

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

```
.background{ background-color: rgb(128,  
225, 128) }
```

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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