

Converting Colors

CIELCh(82, 62.620, 141.373)

Have a look what the booklet for
CIELCh(82, 62.620, 141.373)
contains.

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Color

CIELCh(82, 62.483, 141.464)

Conversions

Conversions Part 1

Format	Color
Hex	7EE280
RGB	126, 226, 128
RGB Percent	49%, 89%, 50%
CMY	0.5064, 0.1142, 0.4985
CMYK	0.44, 0.00, 0.43, 0.11
HSL	121°, 63%, 69%
HSV	121°, 44%, 89%
XYZ	39.6310, 60.2982, 29.9284
YIQ	184.9280, -28.1420, -51.6780

Conversions

Conversions Part 2

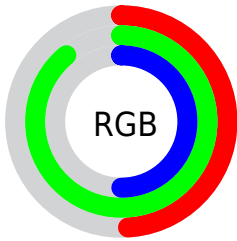
Format	Color
RYB	126, 224, 226
Decimal	8315520
CIELab	82.00, -48.88, 38.93
CIElCh	82, 62.483, 141.464
Yxy	60.2982, 0.3052, 0.4643
Android (android.graphics.Color)	4286505600 (0xFF7EE280)
YUV	184.9280, -28.0655, -51.6799
Hunter-Lab	77.6519, -44.7903, 31.5050

Details

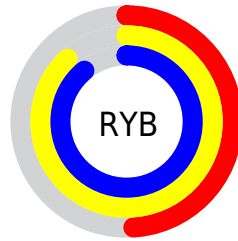
The CIELCh color **82, 62.483, 141.464** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **67, 62.265, 327.366**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 45.532, 142.116**, and **62, 62.519, 141.555** is the 20% darker color. If you saturate the color by 10%, you get **81, 75.248, 140.348**, and if you desaturate by 10%, it is **83, 48.838, 142.471**.

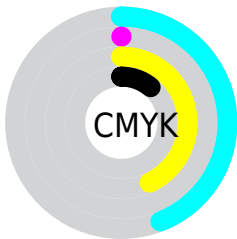
Distribution



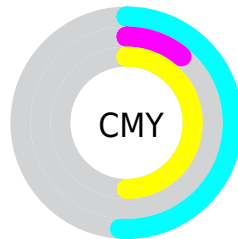
- Red (49%)
- Green (89%)
- Blue (50%)



- Red (49%)
- Yellow (88%)
- Blue (89%)



- Cyan (44%)
- Magenta (0%)
- Yellow (43%)
- Black (11%)





- Cyan (51%)
- Magenta (11%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 62.483, 141.464 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, 62.483, 141.464 by changing the saturation by 10% instead.


 82, 62.483,
141.464


 82, 62.483,
141.464


 100, 62.483,
141.464


 72, 62.483,
141.464

 62, 62.483,
141.464

 52, 62.483,
141.464

 42, 62.483,
141.464

 32, 62.483,
141.464

 22, 62.483,
141.464

 12, 62.483,

141.464

■ 2, 62.483, 141.464

■ 0, 62.483, 141.464

■ 82, 62.483,
141.464

■ 82, 62.483,
141.464

■ 81, 75.248,
140.348

■ 83, 48.838,
142.471

■ 80, 86.665,
139.167

■ 85, 34.694,
143.351

■ 79, 96.204,
138.016

■ 87, 20.354,
144.110


■ 79, 103.319,
137.030


■ 89, 6.050, 144.784

■ 79, 107.622,

■ 91, 8.049, 325.244

136.349

 93, 18.218,
325.057

 79, 108.946,
136.143

Harmonies

Complementary

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



82, 62.483, 141.464



67, 62.265, 327.366

Rectangle

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



82, 62.483, 141.464



82, 62.483, 191.464



82, 62.483, 321.464



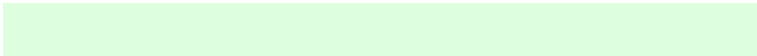
82, 62.483, 11.464

Sweetspot

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



82, 62.484, 141.464



97, 20.441, 144.193



88, 50.599, 106.705



51, 14.318, 144.037



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, 62.484, 141.464



90, 81.242, 140.454



83, 42.789, 160.002



46, 8.031, 144.441



63, 90.296, 136.189



16, 34.902, 139.810

Inverse Universe

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



67, 62.265, 327.366



71, 80.611, 327.789



65, 45.254, 349.235



44, 8.044, 325.482



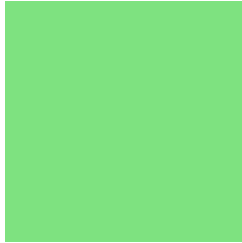
42, 86.128, 329.044



8, 35.448, 328.904

Previews

White Background



This preview shows how the CIE LCh color 82, 62.483, 141.464 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, 62.483, 141.464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

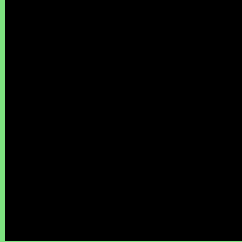
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 62.483, 141.464

Background



This preview shows how black text looks on a background with the CIELCh color 82, 62.483, 141.464.

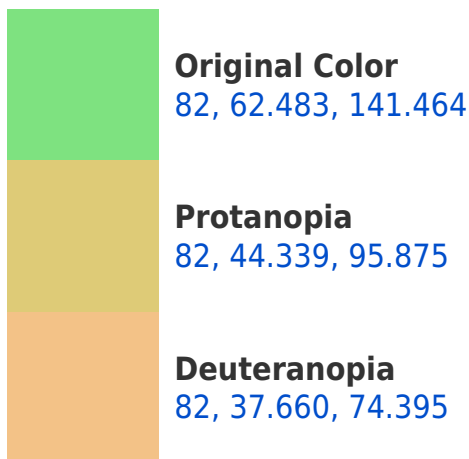


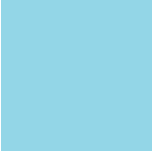
This preview shows how white text looks on a background with the CIELCh color 82, 62.483, 141.464.

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
82, 22.638, 221.732

Trichromacy



Original Color
82, 62.483, 141.464



Protanomaly
81, 46.860, 118.116



Deuteranomaly
81, 38.560, 110.353

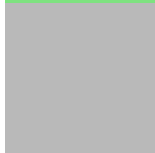


Tritanomaly
82, 29.884, 172.013

Monochromacy



Original Color
82, 62.483, 141.464



Achromatopsia
75, 0.009, 296.813



Achromatomaly
77, 23.821, 144.000

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 62.483, 141.464 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(126, 226, 128)` looks like.

```
.text, #text, p{  
    color:rgb(126, 226, 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(126, 226, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 226, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 62.483, 141.464 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(126, 226, 128) }
```

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

```
.border{ border-color:rgb(126, 226, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 226, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 226, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 226, 128);  
box-shadow:4px 4px 4px 4px rgb(126, 226,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 62.483, 141.464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 226, 128) }
```

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

```
.background{ background-color: rgb(126,  
226, 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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