

Converting Colors

CIELCh(82, 43.551, 112.262)

Have a look what the booklet for
CIELCh(82, 43.551, 112.262)
contains.

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Color

CIELCh(82, 43.551, 112.262)

Conversions

Conversions Part 1

Format	Color
Hex	C8D37F
RGB	200, 211, 127
RGB Percent	78%, 83%, 50%
CMY	0.2163, 0.1731, 0.5025
CMYK	0.05, 0.00, 0.40, 0.17
HSL	68°, 49%, 66%
HSV	68°, 40%, 83%
XYZ	50.8549, 60.2982, 28.9873
YIQ	198.1350, 20.4080, -28.4560

Conversions

Conversions Part 2

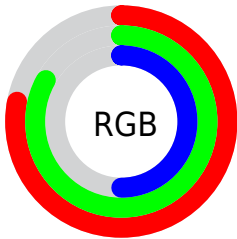
Format	Color
RYB	127, 211, 138
Decimal	13161343
CIELab	82.00, -16.50, 40.30
CIELCh	82, 43.551, 112.262
Yxy	60.2982, 0.3629, 0.4303
Android (android.graphics.Color)	4291351423 (0xFFC8D37F)
YUV	198.1350, -35.0696, 1.6356
Hunter-Lab	77.6519, -18.9896, 32.2235

Details

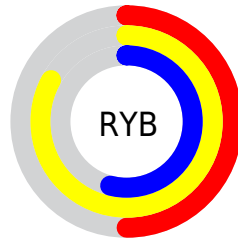
The CIELCh color **82, 43.551, 112.262** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **57, 48.080, 299.418**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 37.154, 107.345**, and **62, 43.770, 112.306** is the 20% darker color. If you saturate the color by 10%, you get **82, 53.729, 111.568**, and if you desaturate by 10%, it is **83, 32.914, 113.016**.

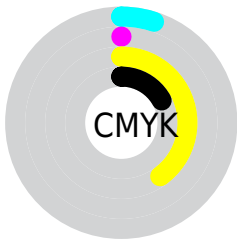
Distribution



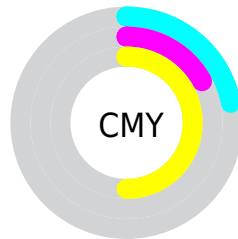
- Red (78%)
- Green (83%)
- Blue (50%)



- Red (50%)
- Yellow (83%)
- Blue (54%)



- Cyan (5%)
- Magenta (0%)
- Yellow (40%)
- Black (17%)



- Cyan (22%)
- Magenta (17%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 43.551, 112.262 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, 43.551, 112.262 by changing the saturation by 10% instead.


 82, 43.551,
112.262


 82, 43.551,
112.262


 100, 43.551,
112.262


 72, 43.551,
112.262

 62, 43.551,
112.262

 52, 43.551,
112.262

 42, 43.551,
112.262

 32, 43.551,
112.262

 22, 43.551,
112.262

 12, 43.551,

112.262

■ 2, 43.551, 112.262

■ 0, 43.551, 112.262

■ 82, 43.551,
112.262

■ 82, 43.551,
112.262

■ 82, 53.729,
111.568

■ 83, 32.914,
113.016

■ 81, 63.158,
110.972

■ 83, 22.001,
113.792

■ 81, 71.437,
110.537

■ 84, 10.939,
114.568

■ 80, 78.057,
110.336

■ 85, 0.193, 295.411

■ 80, 82.536,

■ 85, 11.338,
296.073

110.443

86, 22.459,
296.779

80, 84.944,
110.854

86, 23.411,
298.914

80, 84.978,
110.862

87, 23.546,
301.161

87, 23.715,
303.393

Harmonies

Complementary

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



82, 43.551, 112.262



57, 48.080, 299.418

Rectangle

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



82, 43.551, 112.262



82, 43.551, 162.262



82, 43.551, 292.262



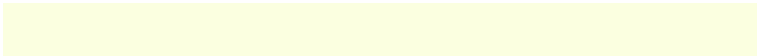
82, 43.551, 342.262

Sweetspot

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



82, 43.553, 112.265



99, 15.566, 114.391



64, 32.099, 32.039



53, 10.322, 114.288



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, 43.553, 112.265



97, 60.513, 111.655



79, 48.190, 131.168



44, 6.268, 114.601



65, 71.826, 110.742



15, 23.693, 112.383

Inverse Universe

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



57, 48.080, 299.418



62, 68.713, 300.637



61, 50.198, 314.793



40, 6.404, 296.083



20, 97.213, 306.808



2, 25.680, 296.533

Previews

White Background



This preview shows how the CIELCh color 82, 43.551, 112.262 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 CIE LCh color 82, 43.551, 112.262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

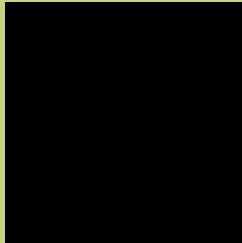
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 43.551, 112.262

Background



This preview shows how black text looks on a background with the CIELCh color 82, 43.551, 112.262.



This preview shows how white text looks on a background with the CIELCh color 82, 43.551, 112.262.

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](#).

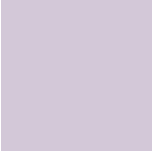
Dichromacy



Original Color
82, 43.551, 112.262

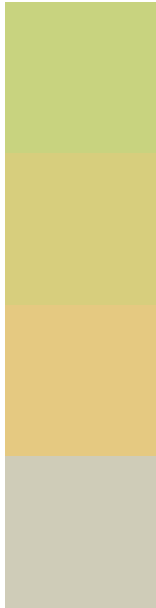
Protanopia
82, 42.351, 95.641

Deuteranopia
82, 40.121, 75.550



Tritanopia
82, 9.407, 315.624

Trichromacy



Original Color
82, 43.551, 112.262

Protanomaly
82, 42.148, 101.335

Deuteranomaly
82, 39.522, 89.577

Tritanomaly
82, 10.607, 103.084

Monochromacy



Original Color
82, 43.551, 112.262

Achromatopsia
80, 0.010, 296.813

Achromatomaly
81, 16.447, 114.067

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 43.551, 112.262 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(200, 211, 127)` looks like.

```
.text, #text, p{  
    color:rgb(200, 211, 127)  
}
```

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(200, 211, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 211, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 43.551, 112.262 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(200, 211, 127) }
```

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

```
.border{ border-color:rgb(200, 211, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 211, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 211, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 211, 127);  
box-shadow:4px 4px 4px 4px rgb(200, 211,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 43.551, 112.262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 211, 127) }
```

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

```
.background{ background-color: rgb(200,  
211, 127) }
```

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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