

Converting Colors

CIELCh(82, 39.187, 116.036)

Have a look what the booklet for
CIELCh(82, 39.187, 116.036)
contains.

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Color

CIELCh(82, 38.847, 115.713)

Conversions

Conversions Part 1

Format	Color
Hex	C4D389
RGB	196, 211, 137
RGB Percent	77%, 83%, 54%
CMY	0.2304, 0.1715, 0.4618
CMYK	0.07, 0.00, 0.35, 0.17
HSL	72°, 46%, 68%
HSV	72°, 35%, 83%
XYZ	50.7215, 60.2982, 32.7225
YIQ	198.0790, 14.8140, -26.1940

Conversions

Conversions Part 2

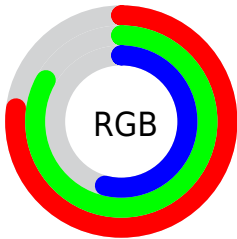
Format	Color
RYB	137, 211, 152
Decimal	12899209
CIELab	82.00, -16.85, 35.00
CIELCh	82, 38.847, 115.713
Yxy	60.2982, 0.3529, 0.4195
Android (android.graphics.Color)	4291089289 (0xFFC4D389)
YUV	198.0790, -30.1119, -1.8233
Hunter-Lab	77.6519, -19.2963, 29.3716

Details

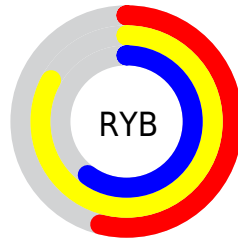
The CIELCh color **82, 38.847, 115.713** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **61, 42.094, 301.097**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 32.227, 109.081**, and **62, 38.564, 115.651** is the 20% darker color. If you saturate the color by 10%, you get **81, 49.394, 115.078**, and if you desaturate by 10%, it is **83, 27.948, 116.393**.

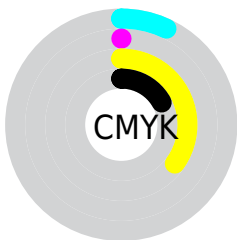
Distribution



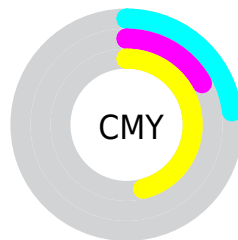
- Red (77%)
- Green (83%)
- Blue (54%)



- Red (54%)
- Yellow (83%)
- Blue (60%)



- Cyan (7%)
- Magenta (0%)
- Yellow (35%)
- Black (17%)





- Cyan (23%)
- Magenta (17%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 38.847, 115.713 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, 38.847, 115.713 by changing the saturation by 10% instead.


 82, 38.847,
115.713


 82, 38.847,
115.713


 100, 38.847,
115.713


 72, 38.847,
115.713

 62, 38.847,
115.713

 52, 38.847,
115.713

 42, 38.847,
115.713

 32, 38.847,
115.713

 22, 38.847,
115.713

 12, 38.847,

115.713

■ 2, 38.847, 115.713

■ 0, 38.847, 115.713

■ 82, 38.847,
115.713

■ 82, 38.847,
115.713

■ 81, 49.394,
115.078

■ 83, 27.948,
116.393

■ 81, 59.353,
114.524

■ 83, 16.847,
117.082

■ 80, 68.385,
114.114

■ 84, 5.646, 117.765

■ 80, 76.029,
113.929

■ 85, 5.585, 298.420

■ 80, 81.767,

■ 86, 16.798,
299.053

114.062

87, 23.304,
300.899

79, 85.241,
114.591

87, 23.576,
304.387

79, 86.385,
114.953

87, 23.930,
307.814

88, 24.366,
311.158

Harmonies

Complementary

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



82, 38.847, 115.713



61, 42.094, 301.097

Rectangle

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



82, 38.847, 115.713



82, 38.847, 165.713



82, 38.847, 295.713



82, 38.847, 345.713

Sweetspot

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



82, 38.849, 115.716



99, 14.367, 117.351



68, 26.184, 39.306



53, 9.652, 117.257



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, 38.849, 115.716



96, 53.840, 115.237



80, 43.632, 134.023



44, 6.309, 117.468



64, 72.878, 114.778



15, 23.986, 116.271

Inverse Universe

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



61, 42.094, 301.097



67, 59.577, 301.921



65, 44.785, 317.233



40, 6.440, 298.763



21, 96.453, 307.329



2, 25.785, 298.331

Previews

White Background



This preview shows how the CIELCh color 82, 38.847, 115.713 looks on a white background.

Color Contrast Check

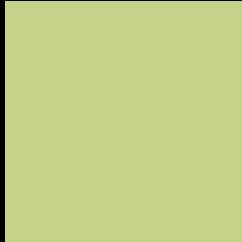
Large Text (above 18pt) WCAG AA × Fail

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, 38.847, 115.713 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, 38.847, 115.713

Background



This preview shows how black text looks on a background with the CIELCh color 82, 38.847, 115.713.



This preview shows how white text looks on a background with the CIELCh color 82, 38.847, 115.713.

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, 38.847, 115.713

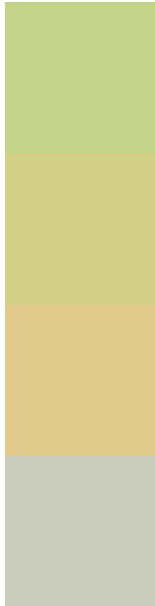
Protanopia
82, 37.225, 96.038

Deuteranopia
82, 35.127, 73.080



Tritanopia
82, 8.790, 304.961

Trichromacy



Original Color
82, 38.847, 115.713

Protanomaly
82, 37.496, 103.709

Deuteranomaly
82, 33.708, 89.528

Tritanomaly
82, 9.007, 114.149

Monochromacy



Original Color
82, 38.847, 115.713

Achromatopsia
80, 0.010, 296.813

Achromatomaly
81, 14.465, 117.984

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 38.847, 115.713 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(196, 211, 137)` looks like.

```
.text, #text, p{  
    color:rgb(196, 211, 137)  
}
```

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(196, 211, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 211, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 38.847, 115.713 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(196, 211, 137) }
```

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

```
.border{ border-color:rgb(196, 211, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 211, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 211, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 211, 137);  
box-shadow:4px 4px 4px 4px rgb(196, 211,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 38.847, 115.713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 211, 137) }
```

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

```
.background{ background-color: rgb(196,  
211, 137) }
```

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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